

THE 125 BRIGHTEST STARS SORTED ALPHABETICALLY BY COMMON NAMES 1

Alphabet Number	Star Common Name	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
1	Achernar	Eridani	α	7588	SH	10.	0.45	-2.77	22.68	143.7	B5	.025	3.59
2	Acrux	Crucis	α	60718	SH	13.	0.77	-4.19	10.17	320.6	B1	.066	21.16
3	Adhara	Canis Majoris	ϵ	33579	21	22.	1.50	-4.10	7.57	430.7	B1	.075	32.30
4	Aldebaran	Tauri	α	21421	87	14.	0.87	-0.63	50.09	65.1	K5	.019	1.24
5	Alderamin	Cephei	α	1051199	5	88.	2.45	1.58	66.84	48.8	A5	.007	.34
6	Algieba, Algeiba	Leonis	γ	50583	41	49.	2.01	-0.92	25.96	125.6	K0	.032	4.02
7	Algol	Persei	β	14576	26	60.	2.09	-0.18	35.14	92.8	B8	.026	2.41
8	Alhena	Geminorum	γ	31681	24	44.	1.93	-0.60	31.12	104.8	A0	.075	7.86
9	Alioth	Ursae Majoris	ϵ	62956	77	33.	1.76	-0.21	40.30	80.9	A0	.015	1.21
10	Alkaid	Ursae Majoris	η	67301	85	38.	1.85	-0.60	32.39	100.6	B3	.023	2.31
11	Almak, Almaak	Andromedae	γ	9640	57	61.	2.10	-3.08	9.19	354.7	K0	.079	28.02
12	Alnair	Gruis	α	109268	SH	30.	1.73	-0.73	32.16	101.4	B5	.025	2.54
13	Alnilam	Orionis	ϵ	26311	46	29.	1.69	-6.38	2.43	1341.6	B0	.374	501.76
14	Alnitak	Orionis	ζ	26727	50	31.	1.74	-5.26	3.99	817.0	B0	.198	161.77
15	Alpha Lupi	Lupi	α	71860	SH	78.	2.30	-3.83	5.95	547.9	B2	.128	70.13
16	Alpha Muscae	Muscae	α	61585	SH	112.	2.69	-2.17	10.67	305.5	B3	.045	13.75
17	Alpha Pavo	Pavonis	α	100751	SH	45.	1.94	-1.81	17.80	183.1	B3	.039	7.14
18	Alphard	Hydrae	α	46390	30	48.	1.99	-1.69	18.40	177.2	K2	.042	7.44
19	Alphecca,Alphekka	Coronae	α	76267	5	67.	2.22	0.42	43.65	74.7	A0	.018	1.34
20	Alpheratz	Pegasi	δ	677	21	55.	2.07	-0.30	33.60	97.0	A0	.022	2.13
21	Alshail	Velorum	λ	44816		68.	2.23	-3.99	5.69	572.9	K5	.093	53.28
22	Altair	Aquilae	α	97649	53	12.	0.76	2.20	194.44	16.8	A5	.005	.08
23	Aludra	Canis Majoris	η	35904	31	89.	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
24	Ankaa	Phoenicis	α	2081	SH	84.	2.40	0.52	42.14	77.4	K0	.019	1.47
25	Antares	Scorpii	α	80763	21	16.	1.06	-5.28	5.40	603.7	M0	.311	187.75
26	Avior	Carinae	ϵ	41037	SH	40.	1.86	-4.58	5.16	631.8	K0	.095	60.02
27	Arcturus	Boötis	α	69673	16	3.	-0.05	-0.31	88.85	36.7	K0	.008	.29
28	Arich	Virginis	γ	61941	29	120.	2.74	2.38	84.53	38.6	F0	.014	.54
29	Arneb	Leporis	α	25985	11	99.	2.58	-5.40	2.54	1283.5	F0	.283	363.22
30	Ascella	Sagittarii	ζ	93506	38	101.	2.60	0.42	36.61	89.0	A2	.037	3.29
31	Atria	Tranguli Australis	α	82273	SH	42.	1.91	-3.62	7.85	415.3	K2	.080	33.22
32	Bellatrix	Orionis	γ	25336	24	26.	1.64	-2.72	13.42	242.9	B2	.073	17.73

THE 125 BRIGHTEST STARS SORTED ALPHABETICALLY BY COMMON NAMES 2

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
33	Beta Crux	Crucis	β	62434	SH	20.	1.25	-3.92	9.25	352.4	B1	.066	23.26
34	Beta Gruis	Gruis	β	112122	SH	56.	2.07	-1.52	19.17	170.1	M3	.039	6.63
35	Beta Lupi	Lupi	β	73273		110.	2.68	-3.35	6.23	523.3	B2	.114	59.65
36	Betelgeuse	Orionis	α	27989	58	9.	0.45	-5.14	7.63	427.3	M0	.215	91.87
37	Canopus	Carinae	α	45348	SH	2.	-0.62	-5.53	10.43	312.6	F0	.051	15.94
38	Capella	Aurigae	α	24608	13	6.	0.08	-0.48	77.29	42.2	G0	.012	.51
39	Caph	Cassopeiae	β	746	11	74.	2.28	1.17	59.89	54.4	F5	.009	.49
40	Castor	Geminorum	α	36850	66	23.	1.58	0.59	63.27	51.5	A0	.019	.98
41	Cebalrai	Ophiuchi	β	86742	60	125.	2.76	0.76	39.78	82.0	K0	.019	1.56
42	Cih	Cassopeiae	γ	4427	27	63.	2.15	-4.22	5.32	612.8	B0	.105	64.34
43	Delta Centauri	Centauri	δ	59196	SH	98.	2.58	-2.84	8.25	395.2	B3	.096	37.93
44	Deneb	Cygni	α	102098	50	19.	1.25	-8.73	1.01	3227.8	A2	.564	1820.48
45	Denebola	Leonis	β	57632	94	62.	2.14	1.92	90.16	36.2	A2	.010	.36
46	Diphda	Ceti	β	3419	16	51.	2.04	-0.30	34.04	95.8	K0	.024	2.30
47	Dschubba	Scorpii	δ	78401	7	75.	2.29	-3.16	8.12	401.5	B0	.108	43.36
48	Dubhe	Ursae Majoris	α	54061	50	36.	1.81	-1.08	26.38	123.6	K0	.020	2.47
49	El Nath	Tauri	β	25428	112	27.	1.65	-1.37	24.89	131.0	B8	.035	4.59
50	Enif	Pegasi	ε	107315	8	82.	2.38	-4.19	4.85	672.2	K0	.173	116.28
51	Epsilon Centauri	Centauri	ε	66657	SH	77.	2.29	-3.02	8.68	375.6	B1	.089	33.43
52	Epsilon Cygnus	Cygni	ε	102488	53	91.	2.48	0.76	45.26	72.0	K0	.012	.86
53	Epsilon Scorpii	Scorpii	ε	82396	26	76.	2.29	0.78	49.85	65.4	K0	.016	1.05
54	Eta Centauri	Centauri	η	71352	SH	79.	2.33	-2.55	10.57	308.4	B3	.079	24.37
55	Eta Draconis	Draconis	η	80331	14	118.	2.73	0.58	37.18	87.7	G5	.012	1.05
56	Etamin, Etanin	Draconis	γ	87833	33	72.	2.24	-1.04	22.10	147.5	K5	.021	3.10
57	Fomalhaut	Piscis Austrini	α	113368	24	18.	1.17	1.74	130.08	25.1	A3	.007	.18
58	Gamma Centauri	Centauri	γ	61932	SH	64.	2.20	-0.81	25.01	130.3	A0	.040	5.21
59	Gamma Crux	Crucis	γ	61084	SH	24.	1.59	-0.56	37.09	87.9	M3	.018	1.58
60	Gamma Vela	Velorum	γ	39953	SH	32.	1.75	-5.31	3.88	840.2	O0	.137	115.11
61	Gienah	Corvi	γ	59803	4	100.	2.58	-0.94	19.78	164.8	B8	.041	6.76
62	Graffias, Grafias	Scorpii	β	78820	8	96.	2.56	-3.50	6.15	530.1	B1	.182	96.47
63	Hadar	Centauri	β	68702	SH	11.	0.61	-5.42	6.21	525.0	B1	.090	47.25
64	Hamal	Arietis	α	9884	13	50.	2.01	0.48	49.48	65.9	K2	.020	1.32

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65	Hassaleh	Aurigae	ι	23015	3	113.	2.69	-3.29	6.37	511.8	K2	.151	77.28
66	Iota Centauri	Centauri	ι	65109	SH	123.	2.75	1.48	55.64	58.6	A2	.013	.76
67	Izar	Boötis	ε	72105	36	81.	2.35	-1.69	15.55	209.6	A0	.050	10.48
68	Kappa Scorpii	Scorpii	κ	86670		83.	2.39	-3.38	7.03	463.7	B2	.104	48.23
69	Kappa Velorum	Velorum	κ	45941		90.	2.47	-3.62	6.05	538.8	B3	.079	42.57
70	Kaus Australis	Sagittarii	ε	90185	20	34.	1.79	-1.44	22.55	144.6	A0	.045	6.51
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117.	2.72	-2.14	10.67	305.5	K0	.087	26.58
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58.	2.07	-0.87	25.79	126.4	K5	.020	2.53
73	Delta Velorum	Velorum	δ	42913	SH	43.	1.93	-0.01	40.90	79.7	A0	.009	.72
74	Kraz	Corvi	β	61359	9	106.	2.65	-0.51	23.34	139.7	G5	.034	4.75
75	Lesath	Scorpii	ν	85696	34	114.	2.70	-3.31	6.29	518.3	B3	.129	66.86
76	Markab	Pegasi	α	113963	54	92.	2.49	-0.67	23.36	139.6	A0	.033	4.61
77	Menkalinan	Aurigae	β	28360	34	41.	1.90	-0.10	39.72	82.1	A0	.020	1.64
78	Menkar	Ceti	α	14135	92	94.	2.54	-1.61	14.82	220.0	M0	.056	12.32
79	Menkent	Centauri	φ	68933	5	53.	2.06	0.70	53.52	60.9	K0	.015	.91
80	Merak	Ursa Majoris	β	53910	48	80.	2.34	0.41	41.07	79.4	A0	.015	1.19
81	Miaplacidus	Carinae	β	45238	SH	28.	1.67	-0.99	29.34	111.1	A0	.016	1.78
82	Mintaka, Mintika	Orionis	δ	25930	34	73.	2.25	-4.99	3.56	915.7	B0	.233	213.37
83	Mirach	Andromedae	β	5447	43	57.	2.07	-1.86	16.36	199.3	M0	.046	9.17
84	Mirfak	Persei	α	15863	33	35.	1.79	-4.50	5.51	591.7	F5	.120	71.00
85	Mirzam	Canis Majoris	β	30324	2	47.	1.98	-3.95	6.53	499.2	B1	.101	50.42
86	Mizar, Mirza	Ursa Majoris	ζ	65378	79	70.	2.23	0.33	41.73	78.1	A2	.015	1.17
87	Mu Velorum	Velorum	μ	52727	SH	111.	2.69	-0.06	28.18	115.7	G5	.017	1.97
88	Mufrid, Muphrid	Boötis	η	67927	8	109.	2.68	2.41	88.17	37.0	G0	.009	.33
89	Nair al Saif	Orionis	ι	26241	44	124.	2.75	-5.30	2.46	1325.2	O9	.313	414.79
90	Naos	Puppis	ζ	39429		65.	2.21	-5.95	2.33	1399.1	O3	.219	306.41
91	Nunki	Sagittarii	σ	92855	34	52.	2.05	-2.14	14.54	224.2	B3	.061	13.68
92	Phad	Ursa Majoris	γ	58001	64	85.	2.41	0.36	38.99	83.6	A0	.017	1.42
93	Phakt, Phact	Columbae	α	26634	SH	107.	2.65	-1.93	12.16	268.1	B5	.049	13.14
94	Pi Puppis	Puppis	π	35264	SH	115.	2.71	-4.92	2.98	1094.0	K5	.185	202.38
95	Polaris	Ursae Minoris	α	11767	1	46.	1.97	-3.64	7.56	431.2	F8	.063	27.17
96	Pollux	Geminorum	β	37826	78	17.	1.16	1.09	96.74	33.7	K0	.009	.30

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97	Procyon	Canis Minoris	α	37279	10	8.	0.40	2.68	285.93	11.4	F5	.003	.03
98	Rasalhague	Ophiuchi	α	86032	55	59.	2.08	1.30	69.84	46.7	A5	.013	.61
99	Regulus	Leonis	α	49669	32	21.	1.36	-0.52	42.09	77.5	B8	.019	1.47
100	Rigel	Orionis	β	24436	19	7.	0.18	-6.69	4.22	772.5	B8	.192	148.32
101	Rigel Kentaurus	Centauri	α	71683	SH	4.	-0.01	4.34	742.12	4.4	G2	.002	.01
102	Ruchbah	Cassopeiae	δ	6686	37	108.	2.66	0.24	32.81	99.4	A5	.019	1.89
103	Sabik	Ophiuchi	η	84012	35	86.	2.43	0.37	38.77	84.1	A2	.022	1.85
104	Sadr, Sador	Cygni	γ	100453	37	69.	2.23	-6.12	2.14	1523.4	F8	.238	362.56
105	Saiph	Orionis	κ	27366	53	54.	2.07	-4.65	4.52	721.2	B0	.170	122.61
106	Sargas	Scorpii	θ	86228		39.	1.86	-2.75	11.99	271.9	F0	.070	19.03
107	Scheat	Pegasi	β	113881	53	87.	2.44	-1.49	16.37	199.1	M0	.044	8.76
108	Schedar	Cassopeiae	α	3179	18	71.	2.24	-1.99	14.27	228.5	K0	.040	9.14
109	Sheratan, Sharatan	Arietis	β	8903	6	104.	2.64	1.33	54.74	59.6	A5	.014	.83
110	Shaula	Scorpii	λ	85927	35	25.	1.62	-5.05	4.64	702.6	B2	.194	136.30
111	Sirius	Canis Majoris	α	32349	9	1.	-1.44	1.45	379.21	8.6	A0	.004	.03
112	Spica	Virginis	α	65474	67	15.	0.98	-3.55	12.44	262.1	B2	.069	18.08
113	Tarazed	Aquilae	γ	97278	50	116.	2.72	-3.03	7.08	460.5	K2	.106	48.81
114	Theta Aurigae	Aurigae	θ	28380	37	105.	2.65	-0.98	18.83	173.1	A0	.043	7.44
115	Theta Carinae	Carinae	θ	52419	SH	121.	2.74	-2.91	7.43	438.8	B0	.067	29.40
116	Tureis, Turais	Carinae	ι	4556	SH	66.	2.21	-4.42	4.71	692.1	F0	.098	67.83
117	Unuk, Unukalhai	Serpentis	α	77070	24	103.	2.63	0.87	44.54	73.2	K0	.016	1.17
118	Vega	Lyrae	α	91262	3	5.	0.03	0.58	128.93	25.3	A0	.004	.10
119	Wezen	Canis Majoris	δ	34444	25	37.	1.83	-6.87	1.82	1791.2	F8	.308	551.69
120	Yed, Yad	Ophiuchi	δ	79593	1	119.	2.73	-0.86	19.16	170.1	M0	.053	9.02
121	Zeta Centauri	Centauri	ζ	68002	SH	95.	2.55	-2.81	8.48	384.4	B2	.087	33.45
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93.	2.54	-3.20	7.12	457.9	B0	.100	45.79
123	Zosma, Zosca	Leonis	δ	54872	68	97.	2.56	1.32	56.52	57.7	A3	.015	.87
124	Zubenelgenubi	Librae	α	72622	9	122.	2.75	-0.88	42.25	77.2	A3	.025	1.93
125	Zuben el Chamali	Librae	β	74785	27	102.	2.61	-0.84	20.38	160.0	B8	.043	6.88

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11	Almak, Almaak	Andromedae	γ	9640	57	61	2.10	-3.08	9.19	354.7	K0	.079	28.02
83	Mirach	Andromedae	β	5447	43	57	2.07	-1.86	16.36	199.3	M0	.046	9.17
113	Tarazed	Aquilae	γ	97278	50	116	2.72	-3.03	7.08	460.5	K2	.106	48.81
22	Altair	Aquilae	α	97649	53	12	0.76	2.20	194.44	16.8	A5	.005	.08
64	Hamal	Arietis	α	9884	13	50	2.01	0.48	49.48	65.9	K2	.020	1.32
109	Sheratan, Sharatan	Arietis	β	8903	6	104	2.64	1.33	54.74	59.6	A5	.014	.83
65	Hassaleh	Aurigae	ι	23015	3	113	2.69	-3.29	6.37	511.8	K2	.151	77.28
114	Theta Aurigae	Aurigae	θ	28380	37	105	2.65	-0.98	18.83	173.1	A0	.043	7.44
38	Capella	Aurigae	α	24608	13	6	0.08	-0.48	77.29	42.2	G0	.012	.51
77	Menkalinan	Aurigae	β	28360	34	41	1.90	-0.10	39.72	82.1	A0	.020	1.64
67	Izar	Boötis	ε	72105	36	81	2.35	-1.69	15.55	209.6	A0	.050	10.48
27	Arcturus	Boötis	α	69673	16	3	-0.05	-0.31	88.85	36.7	K0	.008	.29
88	Mufrid, Muphrid	Boötis	η	67927	8	109	2.68	2.41	88.17	37.0	G0	.009	.33
23	Aludra	Canis Majoris	η	35904	31	89	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
119	Wezen	Canis Majoris	δ	34444	25	37	1.83	-6.87	1.82	1791.2	F8	.308	551.69
3	Adhara	Canis Majoris	ε	33579	21	22	1.50	-4.10	7.57	430.7	B1	.075	32.30
85	Mirzam	Canis Majoris	β	30324	2	47	1.98	-3.95	6.53	499.2	B1	.101	50.42
111	Sirius	Canis Majoris	α	32349	9	1	-1.44	1.45	379.21	8.6	A0	.004	.03
97	Procyon	Canis Minoris	α	37279	10	8	0.40	2.68	285.93	11.4	F5	.003	.03
37	Canopus	Carinae	α	45348	SH	2	-0.62	-5.53	10.43	312.6	F0	.051	15.94
26	Avior	Carinae	ε	41037	SH	40	1.86	-4.58	5.16	631.8	K0	.095	60.02
116	Tureis, Turais	Carinae	ι	4556	SH	66	2.21	-4.42	4.71	692.1	F0	.098	67.83
115	Theta Carinae	Carinae	θ	52419	SH	121	2.74	-2.91	7.43	438.8	B0	.067	29.40
81	Miaplacidus	Carinae	β	45238	SH	28	1.67	-0.99	29.34	111.1	A0	.016	1.78
42	Cih	Cassopeiae	γ	4427	27	63	2.15	-4.22	5.32	612.8	B0	.105	64.34
108	Schedar	Cassopeiae	α	3179	18	71	2.24	-1.99	14.27	228.5	K0	.040	9.14
102	Ruchbah	Cassopeiae	δ	6686	37	108	2.66	0.24	32.81	99.4	A5	.019	1.89
39	Caph	Cassopeiae	β	746	11	74	2.28	1.17	59.89	54.4	F5	.009	.49
63	Hadar	Centauri	β	68702	SH	11	0.61	-5.42	6.21	525.0	B1	.090	47.25
51	Epsilon Centauri	Centauri	ε	66657	SH	77	2.29	-3.02	8.68	375.6	B1	.089	33.43
43	Delta Centauri	Centauri	δ	59196	SH	98	2.58	-2.84	8.25	395.2	B3	.096	37.93
121	Zeta Centauri	Centauri	ζ	68002	SH	95	2.55	-2.81	8.48	384.4	B2	.087	33.45

THE 125 BRIGHTEST STARS SORTED IN ORDER OF CONSTELLATIONS 2

Alphabet Star	Genitive	Bayer	Hipparcos	Flamsteed	Visual	Apparent	Absolute	Distance	Distance	Spect.	Relative	Plus or	
Number	Common Name	Name for	Greek	ID	ID	Magnitude	Magnitude	Magnitude	Milli-arc	in Light	Temp.	Precision	Minus
Order	or Names	Constellation	Letter	Number	Number	Rank	Number	Number	Seconds	Years	Class	of Dist.	Error LY
54	Eta Centauri	Centauri	η	71352	SH	79	2.33	-2.55	10.57	308.4	B3	.079	24.37
58	Gamma Centauri	Centauri	γ	61932	SH	64	2.20	-0.81	25.01	130.3	A0	.040	5.21
79	Menkent	Centauri	φ	68933	5	53	2.06	0.70	53.52	60.9	K0	.015	.91
66	Iota Centauri	Centauri	ι	65109	SH	123	2.75	1.48	55.64	58.6	A2	.013	.76
101	Rigel Kentaurus	Centauri	α	71683	SH	4	-0.01	4.34	742.12	4.4	G2	.002	.01
5	Alderamin	Cephei	α	1051199	5	88	2.45	1.58	66.84	48.8	A5	.007	.34
78	Menkar	Ceti	α	14135	92	94	2.54	-1.61	14.82	220.0	M0	.056	12.32
46	Diphda	Ceti	β	3419	16	51	2.04	-0.30	34.04	95.8	K0	.024	2.30
93	Phakt, Phact	Columbae	α	26634	SH	107	2.65	-1.93	12.16	268.1	B5	.049	13.14
19	Alphecca, Alphekka	Coronae	α	76267	5	67	2.22	0.42	43.65	74.7	A0	.018	1.34
61	Gienah	Corvi	γ	59803	4	100	2.58	-0.94	19.78	164.8	B8	.041	6.76
74	Kraz	Corvi	β	61359	9	106	2.65	-0.51	23.34	139.7	G5	.034	4.75
2	Acrux	Crucis	α	60718	SH	13	0.77	-4.19	10.17	320.6	B1	.066	21.16
33	Beta Crux	Crucis	β	62434	SH	20	1.25	-3.92	9.25	352.4	B1	.066	23.26
59	Gamma Crux	Crucis	γ	61084	SH	24	1.59	-0.56	37.09	87.9	M3	.018	1.58
44	Deneb	Cygni	α	102098	50	19	1.25	-8.73	1.01	3227.8	A2	.564	1820.48
104	Sadr, Sador	Cygni	γ	100453	37	69	2.23	-6.12	2.14	1523.4	F8	.238	362.56
52	Epsilon Cygnus	Cygni	ε	102488	53	91	2.48	0.76	45.26	72.0	K0	.012	.86
56	Etamin, Etanin	Draconis	γ	87833	33	72	2.24	-1.04	22.10	147.5	K5	.021	3.10
55	Eta Draconis	Draconis	η	80331	14	118	2.73	0.58	37.18	87.7	G5	.012	1.05
1	Achernar	Eridani	α	7588	SH	10	0.45	-2.77	22.68	143.7	B5	.025	3.59
8	Alhena	Geminorum	γ	31681	24	44	1.93	-0.60	31.12	104.8	A0	.075	7.86
40	Castor	Geminorum	α	36850	66	23	1.58	0.59	63.27	51.5	A0	.019	.98
96	Pollux	Geminorum	β	37826	78	17	1.16	1.09	96.74	33.7	K0	.009	.30
34	Beta Gruis	Gruis	β	112122	SH	56	2.07	-1.52	19.17	170.1	M3	.039	6.63
12	Alnair	Gruis	α	109268	SH	30	1.73	-0.73	32.16	101.4	B5	.025	2.54
18	Alphard	Hydrae	α	46390	30	48	1.99	-1.69	18.40	177.2	K2	.042	7.44
6	Algieba, Algeiba	Leonis	γ	50583	41	49	2.01	-0.92	25.96	125.6	K0	.032	4.02
99	Regulus	Leonis	α	49669	32	21	1.36	-0.52	42.09	77.5	B8	.019	1.47
123	Zosma, Zosca	Leonis	δ	54872	68	97	2.56	1.32	56.52	57.7	A3	.015	.87
45	Denebola	Leonis	β	57632	94	62	2.14	1.92	90.16	36.2	A2	.010	.36
29	Arneb	Leporis	α	25985	11	99	2.58	-5.40	2.54	1283.5	F0	.283	363.22

THE 125 BRIGHTEST STARS SORTED IN ORDER OF CONSTELLATIONS 3

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
124	Zubenelgenubi	Librae	α	72622	9	122	2.75	-0.88	42.25	77.2	A3	.025	1.93
125	Zuben el Chamali	Librae	β	74785	27	102	2.61	-0.84	20.38	160.0	B8	.043	6.88
15	Alpha Lupi	Lupi	α	71860	SH	78	2.30	-3.83	5.95	547.9	B2	.128	70.13
35	Beta Lupi	Lupi	β	73273		110	2.68	-3.35	6.23	523.3	B2	.114	59.65
118	Vega	Lyrae	α	91262	3	5	0.03	0.58	128.93	25.3	A0	.004	.10
16	Alpha Muscae	Muscae	α	61585	SH	112	2.69	-2.17	10.67	305.5	B3	.045	13.75
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93	2.54	-3.20	7.12	457.9	B0	.100	45.79
120	Yed, Yad	Ophiuchi	δ	79593	1	119	2.73	-0.86	19.16	170.1	M0	.053	9.02
103	Sabik	Ophiuchi	η	84012	35	86	2.43	0.37	38.77	84.1	A2	.022	1.85
41	Cebalrai	Ophiuchi	β	86742	60	125	2.76	0.76	39.78	82.0	K0	.019	1.56
98	Rasalhague	Ophiuchi	α	86032	55	59	2.08	1.30	69.84	46.7	A5	.013	.61
100	Rigel	Orionis	β	24436	19	7	0.18	-6.69	4.22	772.5	B8	.192	148.32
13	Alnilam	Orionis	ϵ	26311	46	29	1.69	-6.38	2.43	1341.6	B0	.374	501.76
89	Nair al Saif	Orionis	ι	26241	44	124	2.75	-5.30	2.46	1325.2	O9	.313	414.79
14	Alnitak	Orionis	ζ	26727	50	31	1.74	-5.26	3.99	817.0	B0	.198	161.77
36	Betelgeuse	Orionis	α	27989	58	9	0.45	-5.14	7.63	427.3	M0	.215	91.87
82	Mintaka, Mintika	Orionis	δ	25930	34	73	2.25	-4.99	3.56	915.7	B0	.233	213.37
105	Saiph	Orionis	κ	27366	53	54	2.07	-4.65	4.52	721.2	B0	.170	122.61
32	Bellatrix	Orionis	γ	25336	24	26	1.64	-2.72	13.42	242.9	B2	.073	17.73
17	Alpha Pavo	Pavonis	α	100751	SH	45	1.94	-1.81	17.80	183.1	B3	.039	7.14
50	Enif	Pegasi	ϵ	107315	8	82	2.38	-4.19	4.85	672.2	K0	.173	116.28
107	Scheat	Pegasi	β	113881	53	87	2.44	-1.49	16.37	199.1	M0	.044	8.76
76	Markab	Pegasi	α	113963	54	92	2.49	-0.67	23.36	139.6	A0	.033	4.61
20	Alpheratz	Pegasi	δ	677	21	55	2.07	-0.30	33.60	97.0	A0	.022	2.13
84	Mirfak	Persei	α	15863	33	35	1.79	-4.50	5.51	591.7	F5	.120	71.00
7	Algol	Persei	β	14576	26	60	2.09	-0.18	35.14	92.8	B8	.026	2.41
24	Ankaa	Phoenicis	α	2081	SH	84	2.40	0.52	42.14	77.4	K0	.019	1.47
57	Fomalhaut	Piscis Austrini	α	113368	24	18	1.17	1.74	130.08	25.1	A3	.007	.18
90	Naos	Puppis	ζ	39429		65	2.21	-5.95	2.33	1399.1	O3	.219	306.41
94	Pi Puppis	Puppis	π	35264	SH	115	2.71	-4.92	2.98	1094.0	K5	.185	202.38
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117	2.72	-2.14	10.67	305.5	K0	.087	26.58
91	Nunki	Sagittarii	σ	92855	34	52	2.05	-2.14	14.54	224.2	B3	.061	13.68

THE 125 BRIGHTEST STARS SORTED IN ORDER OF CONSTELLATIONS 4

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
70	Kaus Australis	Sagittarii	ε	90185	20	34	1.79	-1.44	22.55	144.6	A0	.045	6.51
30	Ascella	Sagittarii	ζ	93506	38	101	2.60	0.42	36.61	89.0	A2	.037	3.29
25	Antares	Scorpii	α	80763	21	16	1.06	-5.28	5.40	603.7	M0	.311	187.75
110	Shaula	Scorpii	λ	85927	35	25	1.62	-5.05	4.64	702.6	B2	.194	136.30
62	Graffias, Grafias	Scorpii	β	78820	8	96	2.56	-3.50	6.15	530.1	B1	.182	96.47
68	Kappa Scorpii	Scorpii	κ	86670		83	2.39	-3.38	7.03	463.7	B2	.104	48.23
75	Lesath	Scorpii	ν	85696	34	114	2.70	-3.31	6.29	518.3	B3	.129	66.86
47	Dschubba	Scorpii	δ	78401	7	75	2.29	-3.16	8.12	401.5	B0	.108	43.36
106	Sargas	Scorpii	θ	86228		39	1.86	-2.75	11.99	271.9	F0	.070	19.03
53	Epsilon Scorpii	Scorpii	ε	82396	26	76	2.29	0.78	49.85	65.4	K0	.016	1.05
117	Unuk, Unukalhai	Serpentis	α	77070	24	103	2.63	0.87	44.54	73.2	K0	.016	1.17
49	El Nath	Tauri	β	25428	112	27	1.65	-1.37	24.89	131.0	B8	.035	4.59
4	Aldebaran	Tauri	α	21421	87	14	0.87	-0.63	50.09	65.1	K5	.019	1.24
31	Atria	Tranguli Australis	α	82273	SH	42	1.91	-3.62	7.85	415.3	K2	.080	33.22
86	Mizar, Mirza	Ursa Majoris	ζ	65378	79	70	2.23	0.33	41.73	78.1	A2	.015	1.17
92	Phad	Ursa Majoris	γ	58001	64	85	2.41	0.36	38.99	83.6	A0	.017	1.42
80	Merak	Ursa Majoris	β	53910	48	80	2.34	0.41	41.07	79.4	A0	.015	1.19
48	Dubhe	Ursae Majoris	α	54061	50	36	1.81	-1.08	26.38	123.6	K0	.020	2.47
10	Alkaid	Ursae Majoris	η	67301	85	38	1.85	-0.60	32.39	100.6	B3	.023	2.31
9	Alioth	Ursae Majoris	ε	62956	77	33	1.76	-0.21	40.30	80.9	A0	.015	1.21
95	Polaris	Ursae Minoris	α	11767	1	46	1.97	-3.64	7.56	431.2	F8	.063	27.17
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58	2.07	-0.87	25.79	126.4	K5	.020	2.53
60	Gamma Vela	Velorum	γ	39953	SH	32	1.75	-5.31	3.88	840.2	O0	.137	115.11
21	Alsu hail	Velorum	λ	44816		68	2.23	-3.99	5.69	572.9	K5	.093	53.28
69	Kappa Velorum	Velorum	κ	45941		90	2.47	-3.62	6.05	538.8	B3	.079	42.57
87	Mu Velorum	Velorum	μ	52727	SH	111	2.69	-0.06	28.18	115.7	G5	.017	1.97
73	Delta Velorum	Velorum	δ	42913	SH	43	1.93	-0.01	40.90	79.7	A0	.009	.72
112	Spica	Virginis	α	65474	67	15	0.98	-3.55	12.44	262.1	B2	.069	18.08
28	Arich	Virginis	γ	61941	29	120	2.74	2.38	84.53	38.6	F0	.014	.54

THE 125 BRIGHTEST STARS SORTED IN ORDER OF HIPPARCOS NUMBER 1

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
20	Alpheratz	Pegasi	δ	677	21	55	2.07	-0.30	33.60	97.0	A0	.022	2.13
39	Caph	Cassopeiae	β	746	11	74	2.28	1.17	59.89	54.4	F5	.009	.49
24	Ankaa	Phoenicis	α	2081	SH	84	2.40	0.52	42.14	77.4	K0	.019	1.47
108	Schedar	Cassopeiae	α	3179	18	71	2.24	-1.99	14.27	228.5	K0	.040	9.14
46	Diphda	Ceti	β	3419	16	51	2.04	-0.30	34.04	95.8	K0	.024	2.30
42	Cih	Cassopeiae	γ	4427	27	63	2.15	-4.22	5.32	612.8	B0	.105	64.34
116	Tureis, Turais	Carinae	ι	4556	SH	66	2.21	-4.42	4.71	692.1	F0	.098	67.83
83	Mirach	Andromedae	β	5447	43	57	2.07	-1.86	16.36	199.3	M0	.046	9.17
102	Ruchbah	Cassopeiae	δ	6686	37	108	2.66	0.24	32.81	99.4	A5	.019	1.89
1	Achernar	Eridani	α	7588	SH	10	0.45	-2.77	22.68	143.7	B5	.025	3.59
109	Sheratan, Sharatan	Arietis	β	8903	6	104	2.64	1.33	54.74	59.6	A5	.014	.83
11	Almak, Almaak	Andromedae	γ	9640	57	61	2.10	-3.08	9.19	354.7	K0	.079	28.02
64	Hamal	Arietis	α	9884	13	50	2.01	0.48	49.48	65.9	K2	.020	1.32
95	Polaris	Ursae Minoris	α	11767	1	46	1.97	-3.64	7.56	431.2	F8	.063	27.17
78	Menkar	Ceti	α	14135	92	94	2.54	-1.61	14.82	220.0	M0	.056	12.32
7	Algol	Persei	β	14576	26	60	2.09	-0.18	35.14	92.8	B8	.026	2.41
84	Mirfak	Persei	α	15863	33	35	1.79	-4.50	5.51	591.7	F5	.120	71.00
4	Aldebaran	Tauri	α	21421	87	14	0.87	-0.63	50.09	65.1	K5	.019	1.24
65	Hassaleh	Aurigae	ι	23015	3	113	2.69	-3.29	6.37	511.8	K2	.151	77.28
100	Rigel	Orionis	β	24436	19	7	0.18	-6.69	4.22	772.5	B8	.192	148.32
38	Capella	Aurigae	α	24608	13	6	0.08	-0.48	77.29	42.2	G0	.012	.51
32	Bellatrix	Orionis	γ	25336	24	26	1.64	-2.72	13.42	242.9	B2	.073	17.73
49	El Nath	Tauri	β	25428	112	27	1.65	-1.37	24.89	131.0	B8	.035	4.59
82	Mintaka, Mintika	Orionis	δ	25930	34	73	2.25	-4.99	3.56	915.7	B0	.233	213.37
29	Arneb	Leporis	α	25985	11	99	2.58	-5.40	2.54	1283.5	F0	.283	363.22
89	Nair al Saif	Orionis	ι	26241	44	124	2.75	-5.30	2.46	1325.2	O9	.313	414.79
13	Alnilam	Orionis	ε	26311	46	29	1.69	-6.38	2.43	1341.6	B0	.374	501.76
93	Phakt, Phact	Columbae	α	26634	SH	107	2.65	-1.93	12.16	268.1	B5	.049	13.14
14	Alnitak	Orionis	ζ	26727	50	31	1.74	-5.26	3.99	817.0	B0	.198	161.77
105	Saiph	Orionis	κ	27366	53	54	2.07	-4.65	4.52	721.2	B0	.170	122.61
36	Betelgeuse	Orionis	α	27989	58	9	0.45	-5.14	7.63	427.3	M0	.215	91.87
77	Menkalinan	Aurigae	β	28360	34	41	1.90	-0.10	39.72	82.1	A0	.020	1.64

THE 125 BRIGHTEST STARS SORTED IN ORDER OF HIPPARCOS NUMBER 2

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
114	Theta Aurigae	Aurigae	θ	28380	37	105	2.65	-0.98	18.83	173.1	A0	.043	7.44
85	Mirzam	Canis Majoris	β	30324	2	47	1.98	-3.95	6.53	499.2	B1	.101	50.42
8	Alhena	Geminorum	γ	31681	24	44	1.93	-0.60	31.12	104.8	A0	.075	7.86
111	Sirius	Canis Majoris	α	32349	9	1	-1.44	1.45	379.21	8.6	A0	.004	.03
3	Adhara	Canis Majoris	ε	33579	21	22	1.50	-4.10	7.57	430.7	B1	.075	32.30
119	Wezen	Canis Majoris	δ	34444	25	37	1.83	-6.87	1.82	1791.2	F8	.308	551.69
94	Pi Puppis	Puppis	π	35264	SH	115	2.71	-4.92	2.98	1094.0	K5	.185	202.38
23	Aludra	Canis Majoris	η	35904	31	89	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
40	Castor	Geminorum	α	36850	66	23	1.58	0.59	63.27	51.5	A0	.019	.98
97	Procyon	Canis Minoris	α	37279	10	8	0.40	2.68	285.93	11.4	F5	.003	.03
96	Pollux	Geminorum	β	37826	78	17	1.16	1.09	96.74	33.7	K0	.009	.30
90	Naos	Puppis	ζ	39429		65	2.21	-5.95	2.33	1399.1	O3	.219	306.41
60	Gamma Vela	Velorum	γ	39953	SH	32	1.75	-5.31	3.88	840.2	O0	.137	115.11
26	Avior	Carinae	ε	41037	SH	40	1.86	-4.58	5.16	631.8	K0	.095	60.02
73	Delta Velorum	Velorum	δ	42913	SH	43	1.93	-0.01	40.90	79.7	A0	.009	.72
21	Alsuhaile	Velorum	λ	44816		68	2.23	-3.99	5.69	572.9	K5	.093	53.28
81	Miaplacidus	Carinae	β	45238	SH	28	1.67	-0.99	29.34	111.1	A0	.016	1.78
37	Canopus	Carinae	α	45348	SH	2	-0.62	-5.53	10.43	312.6	F0	.051	15.94
69	Kappa Velorum	Velorum	κ	45941		90	2.47	-3.62	6.05	538.8	B3	.079	42.57
18	Alphard	Hydrae	α	46390	30	48	1.99	-1.69	18.40	177.2	K2	.042	7.44
99	Regulus	Leonis	α	49669	32	21	1.36	-0.52	42.09	77.5	B8	.019	1.47
6	Algieba, Algeiba	Leonis	γ	50583	41	49	2.01	-0.92	25.96	125.6	K0	.032	4.02
115	Theta Carinae	Carinae	θ	52419	SH	121	2.74	-2.91	7.43	438.8	B0	.067	29.40
87	Mu Velorum	Velorum	μ	52727	SH	111	2.69	-0.06	28.18	115.7	G5	.017	1.97
80	Merak	Ursa Majoris	β	53910	48	80	2.34	0.41	41.07	79.4	A0	.015	1.19
48	Dubhe	Ursae Majoris	α	54061	50	36	1.81	-1.08	26.38	123.6	K0	.020	2.47
123	Zosma, Zosca	Leonis	δ	54872	68	97	2.56	1.32	56.52	57.7	A3	.015	.87
45	Denebola	Leonis	β	57632	94	62	2.14	1.92	90.16	36.2	A2	.010	.36
92	Phad	Ursa Majoris	γ	58001	64	85	2.41	0.36	38.99	83.6	A0	.017	1.42
43	Delta Centauri	Centauri	δ	59196	SH	98	2.58	-2.84	8.25	395.2	B3	.096	37.93
61	Gienah	Corvi	γ	59803	4	100	2.58	-0.94	19.78	164.8	B8	.041	6.76
2	Acrux	Crucis	α	60718	SH	13	0.77	-4.19	10.17	320.6	B1	.066	21.16

THE 125 BRIGHTEST STARS SORTED IN ORDER OF HIPPARCOS NUMBER 3

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
59	Gamma Crux	Crucis	γ	61084	SH	24	1.59	-0.56	37.09	87.9	M3	.018	1.58
74	Kraz	Corvi	β	61359	9	106	2.65	-0.51	23.34	139.7	G5	.034	4.75
16	Alpha Muscae	Muscae	α	61585	SH	112	2.69	-2.17	10.67	305.5	B3	.045	13.75
58	Gamma Centauri	Centauri	γ	61932	SH	64	2.20	-0.81	25.01	130.3	A0	.040	5.21
28	Arich	Virginis	γ	61941	29	120	2.74	2.38	84.53	38.6	F0	.014	.54
33	Beta Crux	Crucis	β	62434	SH	20	1.25	-3.92	9.25	352.4	B1	.066	23.26
9	Alioth	Ursae Majoris	ε	62956	77	33	1.76	-0.21	40.30	80.9	A0	.015	1.21
66	Iota Centauri	Centauri	ι	65109	SH	123	2.75	1.48	55.64	58.6	A2	.013	.76
86	Mizar, Mirza	Ursa Majoris	ζ	65378	79	70	2.23	0.33	41.73	78.1	A2	.015	1.17
112	Spica	Virginis	α	65474	67	15	0.98	-3.55	12.44	262.1	B2	.069	18.08
51	Epsilon Centauri	Centauri	ε	66657	SH	77	2.29	-3.02	8.68	375.6	B1	.089	33.43
10	Alkaid	Ursae Majoris	η	67301	85	38	1.85	-0.60	32.39	100.6	B3	.023	2.31
88	Mufrid, Muphrid	Boötis	η	67927	8	109	2.68	2.41	88.17	37.0	G0	.009	.33
121	Zeta Centauri	Centauri	ζ	68002	SH	95	2.55	-2.81	8.48	384.4	B2	.087	33.45
63	Hadar	Centauri	β	68702	SH	11	0.61	-5.42	6.21	525.0	B1	.090	47.25
79	Menkent	Centauri	φ	68933	5	53	2.06	0.70	53.52	60.9	K0	.015	.91
27	Arcturus	Boötis	α	69673	16	3	-0.05	-0.31	88.85	36.7	K0	.008	.29
54	Eta Centauri	Centauri	η	71352	SH	79	2.33	-2.55	10.57	308.4	B3	.079	24.37
101	Rigel Kentaurus	Centauri	α	71683	SH	4	-0.01	4.34	742.12	4.4	G2	.002	.01
15	Alpha Lupi	Lupi	α	71860	SH	78	2.30	-3.83	5.95	547.9	B2	.128	70.13
67	Izar	Boötis	ε	72105	36	81	2.35	-1.69	15.55	209.6	A0	.050	10.48
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58	2.07	-0.87	25.79	126.4	K5	.020	2.53
124	Zubenelgenubi	Librae	α	72622	9	122	2.75	-0.88	42.25	77.2	A3	.025	1.93
35	Beta Lupi	Lupi	β	73273		110	2.68	-3.35	6.23	523.3	B2	.114	59.65
125	Zuben el Chamali	Librae	β	74785	27	102	2.61	-0.84	20.38	160.0	B8	.043	6.88
19	Alphecca, Alphekka	Coronae	α	76267	5	67	2.22	0.42	43.65	74.7	A0	.018	1.34
117	Unuk, Unukalhai	Serpentis	α	77070	24	103	2.63	0.87	44.54	73.2	K0	.016	1.17
47	Dschubba	Scorpii	δ	78401	7	75	2.29	-3.16	8.12	401.5	B0	.108	43.36
62	Graffias, Grafias	Scorpii	β	78820	8	96	2.56	-3.50	6.15	530.1	B1	.182	96.47
120	Yed, Yad	Ophiuchi	δ	79593	1	119	2.73	-0.86	19.16	170.1	M0	.053	9.02
55	Eta Draconis	Draconis	η	80331	14	118	2.73	0.58	37.18	87.7	G5	.012	1.05
25	Antares	Scorpii	α	80763	21	16	1.06	-5.28	5.40	603.7	M0	.311	187.75

THE 125 BRIGHTEST STARS SORTED IN ORDER OF HIPPARCOS NUMBER 4

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
31	Atria	Tranguli Australis	α	82273	SH	42	1.91	-3.62	7.85	415.3	K2	.080	33.22
53	Epsilon Scorpii	Scorpii	ε	82396	26	76	2.29	0.78	49.85	65.4	K0	.016	1.05
103	Sabik	Ophiuchi	η	84012	35	86	2.43	0.37	38.77	84.1	A2	.022	1.85
75	Lesath	Scorpii	ν	85696	34	114	2.70	-3.31	6.29	518.3	B3	.129	66.86
110	Shaula	Scorpii	λ	85927	35	25	1.62	-5.05	4.64	702.6	B2	.194	136.30
98	Rasalhague	Ophiuchi	α	86032	55	59	2.08	1.30	69.84	46.7	A5	.013	.61
106	Sargas	Scorpii	θ	86228		39	1.86	-2.75	11.99	271.9	F0	.070	19.03
68	Kappa Scorpii	Scorpii	κ	86670		83	2.39	-3.38	7.03	463.7	B2	.104	48.23
41	Cebalrai	Ophiuchi	β	86742	60	125	2.76	0.76	39.78	82.0	K0	.019	1.56
56	Etamin, Etanin	Draconis	γ	87833	33	72	2.24	-1.04	22.10	147.5	K5	.021	3.10
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117	2.72	-2.14	10.67	305.5	K0	.087	26.58
70	Kaus Australis	Sagittarii	ε	90185	20	34	1.79	-1.44	22.55	144.6	A0	.045	6.51
118	Vega	Lyrae	α	91262	3	5	0.03	0.58	128.93	25.3	A0	.004	.10
91	Nunki	Sagittarii	σ	92855	34	52	2.05	-2.14	14.54	224.2	B3	.061	13.68
30	Ascella	Sagittarii	ζ	93506	38	101	2.60	0.42	36.61	89.0	A2	.037	3.29
113	Tarazed	Aquiliae	γ	97278	50	116	2.72	-3.03	7.08	460.5	K2	.106	48.81
22	Altair	Aquiliae	α	97649	53	12	0.76	2.20	194.44	16.8	A5	.005	.08
104	Sadr, Sador	Cygni	γ	100453	37	69	2.23	-6.12	2.14	1523.4	F8	.238	362.56
17	Alpha Pavo	Pavonis	α	100751	SH	45	1.94	-1.81	17.80	183.1	B3	.039	7.14
44	Deneb	Cygni	α	102098	50	19	1.25	-8.73	1.01	3227.8	A2	.564	1820.48
52	Epsilon Cygnus	Cygni	ε	102488	53	91	2.48	0.76	45.26	72.0	K0	.012	.86
50	Enif	Pegasi	ε	107315	8	82	2.38	-4.19	4.85	672.2	K0	.173	116.28
12	Alnair	Gruis	α	109268	SH	30	1.73	-0.73	32.16	101.4	B5	.025	2.54
34	Beta Gruis	Gruis	β	112122	SH	56	2.07	-1.52	19.17	170.1	M3	.039	6.63
57	Fomalhaut	Piscis Austrini	α	113368	24	18	1.17	1.74	130.08	25.1	A3	.007	.18
107	Scheat	Pegasi	β	113881	53	87	2.44	-1.49	16.37	199.1	M0	.044	8.76
76	Markab	Pegasi	α	113963	54	92	2.49	-0.67	23.36	139.6	A0	.033	4.61
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93	2.54	-3.20	7.12	457.9	B0	.100	45.79
5	Alderamin	Cephei	α	1051199	5	88	2.45	1.58	66.84	48.8	A5	.007	.34

THE 125 BRIGHTEST STARS SORTED IN ORDER OF APPARENT BRIGHTNESS 1

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
111	Sirius	Canis Majoris	α	32349	9	1	-1.44	1.45	379.21	8.6	A0	.004	.03
37	Canopus	Carinae	α	45348	SH	2	-0.62	-5.53	10.43	312.6	F0	.051	15.94
27	Arcturus	Boötis	α	69673	16	3	-0.05	-0.31	88.85	36.7	K0	.008	.29
101	Rigel Kentaurus	Centauri	α	71683	SH	4	-0.01	4.34	742.12	4.4	G2	.002	.01
118	Vega	Lyrae	α	91262	3	5	0.03	0.58	128.93	25.3	A0	.004	.10
38	Capella	Aurigae	α	24608	13	6	0.08	-0.48	77.29	42.2	G0	.012	.51
100	Rigel	Orionis	β	24436	19	7	0.18	-6.69	4.22	772.5	B8	.192	148.32
97	Procyon	Canis Minoris	α	37279	10	8	0.40	2.68	285.93	11.4	F5	.003	.03
36	Betelgeuse	Orionis	α	27989	58	9	0.45	-5.14	7.63	427.3	M0	.215	91.87
1	Achernar	Eridani	α	7588	SH	10	0.45	-2.77	22.68	143.7	B5	.025	3.59
63	Hadar	Centauri	β	68702	SH	11	0.61	-5.42	6.21	525.0	B1	.090	47.25
22	Altair	Aquiliae	α	97649	53	12	0.76	2.20	194.44	16.8	A5	.005	.08
2	Acrux	Crucis	α	60718	SH	13	0.77	-4.19	10.17	320.6	B1	.066	21.16
4	Aldebaran	Tauri	α	21421	87	14	0.87	-0.63	50.09	65.1	K5	.019	1.24
112	Spica	Virginis	α	65474	67	15	0.98	-3.55	12.44	262.1	B2	.069	18.08
25	Antares	Scorpii	α	80763	21	16	1.06	-5.28	5.40	603.7	M0	.311	187.75
96	Pollux	Geminorum	β	37826	78	17	1.16	1.09	96.74	33.7	K0	.009	.30
57	Fomalhaut	Piscis Austrini	α	113368	24	18	1.17	1.74	130.08	25.1	A3	.007	.18
44	Deneb	Cygni	α	102098	50	19	1.25	-8.73	1.01	3227.8	A2	.564	1820.48
33	Beta Crux	Crucis	β	62434	SH	20	1.25	-3.92	9.25	352.4	B1	.066	23.26
99	Regulus	Leonis	α	49669	32	21	1.36	-0.52	42.09	77.5	B8	.019	1.47
3	Adhara	Canis Majoris	ϵ	33579	21	22	1.50	-4.10	7.57	430.7	B1	.075	32.30
40	Castor	Geminorum	α	36850	66	23	1.58	0.59	63.27	51.5	A0	.019	.98
59	Gamma Crux	Crucis	γ	61084	SH	24	1.59	-0.56	37.09	87.9	M3	.018	1.58
110	Shaula	Scorpii	λ	85927	35	25	1.62	-5.05	4.64	702.6	B2	.194	136.30
32	Bellatrix	Orionis	γ	25336	24	26	1.64	-2.72	13.42	242.9	B2	.073	17.73
49	El Nath	Tauri	β	25428	112	27	1.65	-1.37	24.89	131.0	B8	.035	4.59
81	Miaplacidus	Carinae	β	45238	SH	28	1.67	-0.99	29.34	111.1	A0	.016	1.78
13	Alnilam	Orionis	ϵ	26311	46	29	1.69	-6.38	2.43	1341.6	B0	.374	501.76
12	Alnair	Gruis	α	109268	SH	30	1.73	-0.73	32.16	101.4	B5	.025	2.54
14	Alnitak	Orionis	ζ	26727	50	31	1.74	-5.26	3.99	817.0	B0	.198	161.77
60	Gamma Vela	Velorum	γ	39953	SH	32	1.75	-5.31	3.88	840.2	O0	.137	115.11

THE 125 BRIGHTEST STARS SORTED IN ORDER OF APPARENT BRIGHTNESS 2

Alphabet Number	Star Common Name	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
9	Alioth	Ursae Majoris	ε	62956	77	33	1.76	-0.21	40.30	80.9	A0	.015	1.21
70	Kaus Australis	Sagittarii	ε	90185	20	34	1.79	-1.44	22.55	144.6	A0	.045	6.51
84	Mirfak	Persei	α	15863	33	35	1.79	-4.50	5.51	591.7	F5	.120	71.00
48	Dubhe	Ursae Majoris	α	54061	50	36	1.81	-1.08	26.38	123.6	K0	.020	2.47
119	Wezen	Canis Majoris	δ	34444	25	37	1.83	-6.87	1.82	1791.2	F8	.308	551.69
10	Alkaid	Ursae Majoris	η	67301	85	38	1.85	-0.60	32.39	100.6	B3	.023	2.31
106	Sargas	Scorpii	θ	86228		39	1.86	-2.75	11.99	271.9	F0	.070	19.03
26	Avior	Carinae	ε	41037	SH	40	1.86	-4.58	5.16	631.8	K0	.095	60.02
77	Menkalinan	Aurigae	β	28360	34	41	1.90	-0.10	39.72	82.1	A0	.020	1.64
31	Atria	Tranguli Australis	α	82273	SH	42	1.91	-3.62	7.85	415.3	K2	.080	33.22
73	Delta Velorum	Velorum	δ	42913	SH	43	1.93	-0.01	40.90	79.7	A0	.009	.72
8	Alhena	Geminorum	γ	31681	24	44	1.93	-0.60	31.12	104.8	A0	.075	7.86
17	Alpha Pavo	Pavonis	α	100751	SH	45	1.94	-1.81	17.80	183.1	B3	.039	7.14
95	Polaris	Ursae Minoris	α	11767	1	46	1.97	-3.64	7.56	431.2	F8	.063	27.17
85	Mirzam	Canis Majoris	β	30324	2	47	1.98	-3.95	6.53	499.2	B1	.101	50.42
18	Alphard	Hydrae	α	46390	30	48	1.99	-1.69	18.40	177.2	K2	.042	7.44
6	Algieba, Algeiba	Leonis	γ	50583	41	49	2.01	-0.92	25.96	125.6	K0	.032	4.02
64	Hamal	Arietis	α	9884	13	50	2.01	0.48	49.48	65.9	K2	.020	1.32
46	Diphda	Ceti	β	3419	16	51	2.04	-0.30	34.04	95.8	K0	.024	2.30
91	Nunki	Sagittarii	σ	92855	34	52	2.05	-2.14	14.54	224.2	B3	.061	13.68
79	Menkent	Centauri	φ	68933	5	53	2.06	0.70	53.52	60.9	K0	.015	.91
105	Saiph	Orionis	κ	27366	53	54	2.07	-4.65	4.52	721.2	B0	.170	122.61
20	Alpheratz	Pegasi	δ	677	21	55	2.07	-0.30	33.60	97.0	A0	.022	2.13
34	Beta Gruis	Gruis	β	112122	SH	56	2.07	-1.52	19.17	170.1	M3	.039	6.63
83	Mirach	Andromedae	β	5447	43	57	2.07	-1.86	16.36	199.3	M0	.046	9.17
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58	2.07	-0.87	25.79	126.4	K5	.020	2.53
98	Rasalhague	Ophiuchi	α	86032	55	59	2.08	1.30	69.84	46.7	A5	.013	.61
7	Algol	Persei	β	14576	26	60	2.09	-0.18	35.14	92.8	B8	.026	2.41
11	Almak, Almaak	Andromedae	γ	9640	57	61	2.10	-3.08	9.19	354.7	K0	.079	28.02
45	Denebola	Leonis	β	57632	94	62	2.14	1.92	90.16	36.2	A2	.010	.36
42	Cih	Cassopeiae	γ	4427	27	63	2.15	-4.22	5.32	612.8	B0	.105	64.34
58	Gamma Centauri	Centauri	γ	61932	SH	64	2.20	-0.81	25.01	130.3	A0	.040	5.21

THE 125 BRIGHTEST STARS SORTED IN ORDER OF APPARENT BRIGHTNESS 3

Alphabet Number	Star Common Name	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
90	Naos	Puppis	ζ	39429		65	2.21	-5.95	2.33	1399.1	O3	.219	306.41
116	Tureis, Turais	Carinae	ι	4556	SH	66	2.21	-4.42	4.71	692.1	F0	.098	67.83
19	Alphecca, Alphekka	Coronae	α	76267	5	67	2.22	0.42	43.65	74.7	A0	.018	1.34
21	Alsuhail	Velorum	λ	44816		68	2.23	-3.99	5.69	572.9	K5	.093	53.28
104	Sadr, Sador	Cygni	γ	100453	37	69	2.23	-6.12	2.14	1523.4	F8	.238	362.56
86	Mizar, Mirza	Ursa Majoris	ζ	65378	79	70	2.23	0.33	41.73	78.1	A2	.015	1.17
108	Schedar	Cassopeiae	α	3179	18	71	2.24	-1.99	14.27	228.5	K0	.040	9.14
56	Etamin, Etanin	Draconis	γ	87833	33	72	2.24	-1.04	22.10	147.5	K5	.021	3.10
82	Mintaka, Mintika	Orionis	δ	25930	34	73	2.25	-4.99	3.56	915.7	B0	.233	213.37
39	Caph	Cassopeiae	β	746	11	74	2.28	1.17	59.89	54.4	F5	.009	.49
47	Dschubba	Scorpii	δ	78401	7	75	2.29	-3.16	8.12	401.5	B0	.108	43.36
53	Epsilon Scorpii	Scorpii	ε	82396	26	76	2.29	0.78	49.85	65.4	K0	.016	1.05
51	Epsilon Centauri	Centauri	ε	66657	SH	77	2.29	-3.02	8.68	375.6	B1	.089	33.43
15	Alpha Lupi	Lupi	α	71860	SH	78	2.30	-3.83	5.95	547.9	B2	.128	70.13
54	Eta Centauri	Centauri	η	71352	SH	79	2.33	-2.55	10.57	308.4	B3	.079	24.37
80	Merak	Ursa Majoris	β	53910	48	80	2.34	0.41	41.07	79.4	A0	.015	1.19
67	Izar	Boötis	ε	72105	36	81	2.35	-1.69	15.55	209.6	A0	.050	10.48
50	Enif	Pegasi	ε	107315	8	82	2.38	-4.19	4.85	672.2	K0	.173	116.28
68	Kappa Scorpii	Scorpii	κ	86670		83	2.39	-3.38	7.03	463.7	B2	.104	48.23
24	Ankaa	Phoenicis	α	2081	SH	84	2.40	0.52	42.14	77.4	K0	.019	1.47
92	Phad	Ursa Majoris	γ	58001	64	85	2.41	0.36	38.99	83.6	A0	.017	1.42
103	Sabik	Ophiuchi	η	84012	35	86	2.43	0.37	38.77	84.1	A2	.022	1.85
107	Scheat	Pegasi	β	113881	53	87	2.44	-1.49	16.37	199.1	M0	.044	8.76
5	Alderamin	Cephei	α	1051199	5	88	2.45	1.58	66.84	48.8	A5	.007	.34
23	Aludra	Canis Majoris	η	35904	31	89	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
69	Kappa Velorum	Velorum	κ	45941		90	2.47	-3.62	6.05	538.8	B3	.079	42.57
52	Epsilon Cygnus	Cygni	ε	102488	53	91	2.48	0.76	45.26	72.0	K0	.012	.86
76	Markab	Pegasi	α	113963	54	92	2.49	-0.67	23.36	139.6	A0	.033	4.61
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93	2.54	-3.20	7.12	457.9	B0	.100	45.79
78	Menkar	Ceti	α	14135	92	94	2.54	-1.61	14.82	220.0	M0	.056	12.32
121	Zeta Centauri	Centauri	ζ	68002	SH	95	2.55	-2.81	8.48	384.4	B2	.087	33.45
62	Graffias, Grafias	Scorpii	β	78820	8	96	2.56	-3.50	6.15	530.1	B1	.182	96.47

THE 125 BRIGHTEST STARS SORTED IN ORDER OF APPARENT BRIGHTNESS 4

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
123	Zosma, Zosca	Leonis	δ	54872	68	97	2.56	1.32	56.52	57.7	A3	.015	.87
43	Delta Centauri	Centauri	δ	59196	SH	98	2.58	-2.84	8.25	395.2	B3	.096	37.93
29	Arneb	Leporis	α	25985	11	99	2.58	-5.40	2.54	1283.5	F0	.283	363.22
61	Gienah	Corvi	γ	59803	4	100	2.58	-0.94	19.78	164.8	B8	.041	6.76
30	Ascella	Sagittarii	ζ	93506	38	101	2.60	0.42	36.61	89.0	A2	.037	3.29
125	Zuben el Chamali	Librae	β	74785	27	102	2.61	-0.84	20.38	160.0	B8	.043	6.88
117	Unuk, Unukalhai	Serpentis	α	77070	24	103	2.63	0.87	44.54	73.2	K0	.016	1.17
109	Sheratan, Sharatan	Arietis	β	8903	6	104	2.64	1.33	54.74	59.6	A5	.014	.83
114	Theta Aurigae	Aurigae	θ	28380	37	105	2.65	-0.98	18.83	173.1	A0	.043	7.44
74	Kraz	Corvi	β	61359	9	106	2.65	-0.51	23.34	139.7	G5	.034	4.75
93	Phakt, Phact	Columbae	α	26634	SH	107	2.65	-1.93	12.16	268.1	B5	.049	13.14
102	Ruchbah	Cassiopeiae	δ	6686	37	108	2.66	0.24	32.81	99.4	A5	.019	1.89
88	Mufrid, Muphrid	Boötis	η	67927	8	109	2.68	2.41	88.17	37.0	G0	.009	.33
35	Beta Lupi	Lupi	β	73273		110	2.68	-3.35	6.23	523.3	B2	.114	59.65
87	Mu Velorum	Velorum	μ	52727	SH	111	2.69	-0.06	28.18	115.7	G5	.017	1.97
16	Alpha Muscae	Muscae	α	61585	SH	112	2.69	-2.17	10.67	305.5	B3	.045	13.75
65	Hassaleh	Aurigae	ι	23015	3	113	2.69	-3.29	6.37	511.8	K2	.151	77.28
75	Lesath	Scorpii	ν	85696	34	114	2.70	-3.31	6.29	518.3	B3	.129	66.86
94	Pi Puppis	Puppis	π	35264	SH	115	2.71	-4.92	2.98	1094.0	K5	.185	202.38
113	Tarazed	Aquiliae	γ	97278	50	116	2.72	-3.03	7.08	460.5	K2	.106	48.81
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117	2.72	-2.14	10.67	305.5	K0	.087	26.58
55	Eta Draconis	Draconis	η	80331	14	118	2.73	0.58	37.18	87.7	G5	.012	1.05
120	Yed, Yad	Ophiuchi	δ	79593	1	119	2.73	-0.86	19.16	170.1	M0	.053	9.02
28	Arich	Virginis	γ	61941	29	120	2.74	2.38	84.53	38.6	F0	.014	.54
115	Theta Carinae	Carinae	θ	52419	SH	121	2.74	-2.91	7.43	438.8	B0	.067	29.40
124	Zubenelgenubi	Librae	α	72622	9	122	2.75	-0.88	42.25	77.2	A3	.025	1.93
66	Iota Centauri	Centauri	ι	65109	SH	123	2.75	1.48	55.64	58.6	A2	.013	.76
89	Nair al Saif	Orionis	ι	26241	44	124	2.75	-5.30	2.46	1325.2	O9	.313	414.79
41	Cebalrai	Ophiuchi	β	86742	60	125	2.76	0.76	39.78	82.0	K0	.019	1.56

THE 125 BRIGHTEST STARS SORTED IN ORDER OF ABSOLUTE BRIGHTNESS 1

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
44	Deneb	Cygni	α	102098	50	19	1.25	-8.73	1.01	3227.8	A2	.564	1820.48
23	Aludra	Canis Majoris	η	35904	31	89	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
119	Wezen	Canis Majoris	δ	34444	25	37	1.83	-6.87	1.82	1791.2	F8	.308	551.69
100	Rigel	Orionis	β	24436	19	7	0.18	-6.69	4.22	772.5	B8	.192	148.32
13	Alnilam	Orionis	ϵ	26311	46	29	1.69	-6.38	2.43	1341.6	B0	.374	501.76
104	Sadr, Sador	Cygni	γ	100453	37	69	2.23	-6.12	2.14	1523.4	F8	.238	362.56
90	Naos	Puppis	ζ	39429		65	2.21	-5.95	2.33	1399.1	O3	.219	306.41
37	Canopus	Carinae	α	45348	SH	2	-0.62	-5.53	10.43	312.6	F0	.051	15.94
63	Hadar	Centauri	β	68702	SH	11	0.61	-5.42	6.21	525.0	B1	.090	47.25
29	Arneb	Leporis	α	25985	11	99	2.58	-5.40	2.54	1283.5	F0	.283	363.22
60	Gamma Vela	Velorum	γ	39953	SH	32	1.75	-5.31	3.88	840.2	O0	.137	115.11
89	Nair al Saif	Orionis	ι	26241	44	124	2.75	-5.30	2.46	1325.2	O9	.313	414.79
25	Antares	Scorpii	α	80763	21	16	1.06	-5.28	5.40	603.7	M0	.311	187.75
14	Alnitak	Orionis	ζ	26727	50	31	1.74	-5.26	3.99	817.0	B0	.198	161.77
36	Betelgeuse	Orionis	α	27989	58	9	0.45	-5.14	7.63	427.3	M0	.215	91.87
110	Shaula	Scorpii	λ	85927	35	25	1.62	-5.05	4.64	702.6	B2	.194	136.30
82	Mintaka, Mintika	Orionis	δ	25930	34	73	2.25	-4.99	3.56	915.7	B0	.233	213.37
94	Pi Puppis	Puppis	π	35264	SH	115	2.71	-4.92	2.98	1094.0	K5	.185	202.38
105	Saiph	Orionis	κ	27366	53	54	2.07	-4.65	4.52	721.2	B0	.170	122.61
26	Avior	Carinae	ϵ	41037	SH	40	1.86	-4.58	5.16	631.8	K0	.095	60.02
84	Mirfak	Persei	α	15863	33	35	1.79	-4.50	5.51	591.7	F5	.120	71.00
116	Tureis, Turais	Carinae	ι	4556	SH	66	2.21	-4.42	4.71	692.1	F0	.098	67.83
42	Cih	Cassopeiae	γ	4427	27	63	2.15	-4.22	5.32	612.8	B0	.105	64.34
2	Acrux	Crucis	α	60718	SH	13	0.77	-4.19	10.17	320.6	B1	.066	21.16
50	Enif	Pegasi	ϵ	107315	8	82	2.38	-4.19	4.85	672.2	K0	.173	116.28
3	Adhara	Canis Majoris	ϵ	33579	21	22	1.50	-4.10	7.57	430.7	B1	.075	32.30
21	Alsuhail	Velorum	λ	44816		68	2.23	-3.99	5.69	572.9	K5	.093	53.28
85	Mirzam	Canis Majoris	β	30324	2	47	1.98	-3.95	6.53	499.2	B1	.101	50.42
33	Beta Crux	Crucis	β	62434	SH	20	1.25	-3.92	9.25	352.4	B1	.066	23.26
15	Alpha Lupi	Lupi	α	71860	SH	78	2.30	-3.83	5.95	547.9	B2	.128	70.13
95	Polaris	Ursae Minoris	α	11767	1	46	1.97	-3.64	7.56	431.2	F8	.063	27.17
31	Atria	Tranguli Australis	α	82273	SH	42	1.91	-3.62	7.85	415.3	K2	.080	33.22

THE 125 BRIGHTEST STARS SORTED IN ORDER OF ABSOLUTE BRIGHTNESS 2

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
69	Kappa Velorum	Velorum	κ	45941		90	2.47	-3.62	6.05	538.8	B3	.079	42.57
112	Spica	Virginis	α	65474	67	15	0.98	-3.55	12.44	262.1	B2	.069	18.08
62	Graffias, Grafias	Scorpii	β	78820	8	96	2.56	-3.50	6.15	530.1	B1	.182	96.47
68	Kappa Scorpii	Scorpii	κ	86670		83	2.39	-3.38	7.03	463.7	B2	.104	48.23
35	Beta Lupi	Lupi	β	73273		110	2.68	-3.35	6.23	523.3	B2	.114	59.65
75	Lesath	Scorpii	ν	85696	34	114	2.70	-3.31	6.29	518.3	B3	.129	66.86
65	Hassaleh	Aurigae	ι	23015	3	113	2.69	-3.29	6.37	511.8	K2	.151	77.28
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93	2.54	-3.20	7.12	457.9	B0	.100	45.79
47	Dschubba	Scorpii	δ	78401	7	75	2.29	-3.16	8.12	401.5	B0	.108	43.36
11	Almak, Almaak	Andromedae	γ	9640	57	61	2.10	-3.08	9.19	354.7	K0	.079	28.02
113	Tarazed	Aquiliae	γ	97278	50	116	2.72	-3.03	7.08	460.5	K2	.106	48.81
51	Epsilon Centauri	Centauri	ε	66657	SH	77	2.29	-3.02	8.68	375.6	B1	.089	33.43
115	Theta Carinae	Carinae	θ	52419	SH	121	2.74	-2.91	7.43	438.8	B0	.067	29.40
43	Delta Centauri	Centauri	δ	59196	SH	98	2.58	-2.84	8.25	395.2	B3	.096	37.93
121	Zeta Centauri	Centauri	ζ	68002	SH	95	2.55	-2.81	8.48	384.4	B2	.087	33.45
1	Achernar	Eridani	α	7588	SH	10	0.45	-2.77	22.68	143.7	B5	.025	3.59
106	Sargas	Scorpii	θ	86228		39	1.86	-2.75	11.99	271.9	F0	.070	19.03
32	Bellatrix	Orionis	γ	25336	24	26	1.64	-2.72	13.42	242.9	B2	.073	17.73
54	Eta Centauri	Centauri	η	71352	SH	79	2.33	-2.55	10.57	308.4	B3	.079	24.37
16	Alpha Muscae	Muscae	α	61585	SH	112	2.69	-2.17	10.67	305.5	B3	.045	13.75
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117	2.72	-2.14	10.67	305.5	K0	.087	26.58
91	Nunki	Sagittarii	σ	92855	34	52	2.05	-2.14	14.54	224.2	B3	.061	13.68
108	Schedar	Cassiopeiae	α	3179	18	71	2.24	-1.99	14.27	228.5	K0	.040	9.14
93	Phakt, Phact	Columbae	α	26634	SH	107	2.65	-1.93	12.16	268.1	B5	.049	13.14
83	Mirach	Andromedae	β	5447	43	57	2.07	-1.86	16.36	199.3	M0	.046	9.17
17	Alpha Pavo	Pavonis	α	100751	SH	45	1.94	-1.81	17.80	183.1	B3	.039	7.14
18	Alphard	Hydrae	α	46390	30	48	1.99	-1.69	18.40	177.2	K2	.042	7.44
67	Izar	Boötis	ε	72105	36	81	2.35	-1.69	15.55	209.6	A0	.050	10.48
78	Menkar	Ceti	α	14135	92	94	2.54	-1.61	14.82	220.0	M0	.056	12.32
34	Beta Gruis	Gruis	β	112122	SH	56	2.07	-1.52	19.17	170.1	M3	.039	6.63
107	Scheat	Pegasi	β	113881	53	87	2.44	-1.49	16.37	199.1	M0	.044	8.76
70	Kaus Australis	Sagittarii	ε	90185	20	34	1.79	-1.44	22.55	144.6	A0	.045	6.51

THE 125 BRIGHTEST STARS SORTED IN ORDER OF ABSOLUTE BRIGHTNESS 3

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
49	El Nath	Tauri	β	25428	112	27	1.65	-1.37	24.89	131.0	B8	.035	4.59
48	Dubhe	Ursae Majoris	α	54061	50	36	1.81	-1.08	26.38	123.6	K0	.020	2.47
56	Etamin, Etanin	Draconis	γ	87833	33	72	2.24	-1.04	22.10	147.5	K5	.021	3.10
81	Miaplacidus	Carinae	β	45238	SH	28	1.67	-0.99	29.34	111.1	A0	.016	1.78
114	Theta Aurigae	Aurigae	θ	28380	37	105	2.65	-0.98	18.83	173.1	A0	.043	7.44
61	Gienah	Corvi	γ	59803	4	100	2.58	-0.94	19.78	164.8	B8	.041	6.76
6	Algieba, Algeiba	Leonis	γ	50583	41	49	2.01	-0.92	25.96	125.6	K0	.032	4.02
124	Zubenelgenubi	Librae	α	72622	9	122	2.75	-0.88	42.25	77.2	A3	.025	1.93
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58	2.07	-0.87	25.79	126.4	K5	.020	2.53
120	Yed, Yad	Ophiuchi	δ	79593	1	119	2.73	-0.86	19.16	170.1	M0	.053	9.02
125	Zuben el Chamali	Librae	β	74785	27	102	2.61	-0.84	20.38	160.0	B8	.043	6.88
58	Gamma Centauri	Centauri	γ	61932	SH	64	2.20	-0.81	25.01	130.3	A0	.040	5.21
12	Alnair	Gruis	α	109268	SH	30	1.73	-0.73	32.16	101.4	B5	.025	2.54
76	Markab	Pegasi	α	113963	54	92	2.49	-0.67	23.36	139.6	A0	.033	4.61
4	Aldebaran	Tauri	α	21421	87	14	0.87	-0.63	50.09	65.1	K5	.019	1.24
8	Alhena	Geminorum	γ	31681	24	44	1.93	-0.60	31.12	104.8	A0	.075	7.86
10	Alkaid	Ursae Majoris	η	67301	85	38	1.85	-0.60	32.39	100.6	B3	.023	2.31
59	Gamma Crux	Crucis	γ	61084	SH	24	1.59	-0.56	37.09	87.9	M3	.018	1.58
99	Regulus	Leonis	α	49669	32	21	1.36	-0.52	42.09	77.5	B8	.019	1.47
74	Kraz	Corvi	β	61359	9	106	2.65	-0.51	23.34	139.7	G5	.034	4.75
38	Capella	Aurigae	α	24608	13	6	0.08	-0.48	77.29	42.2	G0	.012	.51
27	Arcturus	Boötis	α	69673	16	3	-0.05	-0.31	88.85	36.7	K0	.008	.29
20	Alpheratz	Pegasi	δ	677	21	55	2.07	-0.30	33.60	97.0	A0	.022	2.13
46	Diphda	Ceti	β	3419	16	51	2.04	-0.30	34.04	95.8	K0	.024	2.30
9	Alioth	Ursae Majoris	ε	62956	77	33	1.76	-0.21	40.30	80.9	A0	.015	1.21
7	Algol	Persei	β	14576	26	60	2.09	-0.18	35.14	92.8	B8	.026	2.41
77	Menkalinan	Aurigae	β	28360	34	41	1.90	-0.10	39.72	82.1	A0	.020	1.64
87	Mu Velorum	Velorum	μ	52727	SH	111	2.69	-0.06	28.18	115.7	G5	.017	1.97
73	Delta Velorum	Velorum	δ	42913	SH	43	1.93	-0.01	40.90	79.7	A0	.009	.72
102	Ruchbah	Cassopeiae	δ	6686	37	108	2.66	0.24	32.81	99.4	A5	.019	1.89
86	Mizar, Mirza	Ursa Majoris	ζ	65378	79	70	2.23	0.33	41.73	78.1	A2	.015	1.17
92	Phad	Ursa Majoris	γ	58001	64	85	2.41	0.36	38.99	83.6	A0	.017	1.42

THE 125 BRIGHTEST STARS SORTED IN ORDER OF ABSOLUTE BRIGHTNESS 4

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
103	Sabik	Ophiuchi	η	84012	35	86	2.43	0.37	38.77	84.1	A2	.022	1.85
80	Merak	Ursa Majoris	β	53910	48	80	2.34	0.41	41.07	79.4	A0	.015	1.19
19	Alphecca, Alphekka	Coronae	α	76267	5	67	2.22	0.42	43.65	74.7	A0	.018	1.34
30	Ascella	Sagittarii	ζ	93506	38	101	2.60	0.42	36.61	89.0	A2	.037	3.29
64	Hamal	Arietis	α	9884	13	50	2.01	0.48	49.48	65.9	K2	.020	1.32
24	Ankaa	Phoenicis	α	2081	SH	84	2.40	0.52	42.14	77.4	K0	.019	1.47
55	Eta Draconis	Draconis	η	80331	14	118	2.73	0.58	37.18	87.7	G5	.012	1.05
118	Vega	Lyrae	α	91262	3	5	0.03	0.58	128.93	25.3	A0	.004	.10
40	Castor	Geminorum	α	36850	66	23	1.58	0.59	63.27	51.5	A0	.019	.98
79	Menkent	Centauri	φ	68933	5	53	2.06	0.70	53.52	60.9	K0	.015	.91
41	Cebalrai	Ophiuchi	β	86742	60	125	2.76	0.76	39.78	82.0	K0	.019	1.56
52	Epsilon Cygnus	Cygni	ε	102488	53	91	2.48	0.76	45.26	72.0	K0	.012	.86
53	Epsilon Scorpii	Scorpii	ε	82396	26	76	2.29	0.78	49.85	65.4	K0	.016	1.05
117	Unuk, Unukalhai	Serpentis	α	77070	24	103	2.63	0.87	44.54	73.2	K0	.016	1.17
96	Pollux	Geminorum	β	37826	78	17	1.16	1.09	96.74	33.7	K0	.009	.30
39	Caph	Cassopeiae	β	746	11	74	2.28	1.17	59.89	54.4	F5	.009	.49
98	Rasalhague	Ophiuchi	α	86032	55	59	2.08	1.30	69.84	46.7	A5	.013	.61
123	Zosma, Zosca	Leonis	δ	54872	68	97	2.56	1.32	56.52	57.7	A3	.015	.87
109	Sheratan, Sharatan	Arietis	β	8903	6	104	2.64	1.33	54.74	59.6	A5	.014	.83
111	Sirius	Canis Majoris	α	32349	9	1	-1.44	1.45	379.21	8.6	A0	.004	.03
66	Iota Centauri	Centauri	ι	65109	SH	123	2.75	1.48	55.64	58.6	A2	.013	.76
5	Alderamin	Cephei	α	1051199	5	88	2.45	1.58	66.84	48.8	A5	.007	.34
57	Fomalhaut	Piscis Austrini	α	113368	24	18	1.17	1.74	130.08	25.1	A3	.007	.18
45	Denebola	Leonis	β	57632	94	62	2.14	1.92	90.16	36.2	A2	.010	.36
22	Altair	Aquilae	α	97649	53	12	0.76	2.20	194.44	16.8	A5	.005	.08
28	Arich	Virginis	γ	61941	29	120	2.74	2.38	84.53	38.6	F0	.014	.54
88	Mufrid, Muphrid	Boötis	η	67927	8	109	2.68	2.41	88.17	37.0	G0	.009	.33
97	Procyon	Canis Minoris	α	37279	10	8	0.40	2.68	285.93	11.4	F5	.003	.03
101	Rigel Kentaurus	Centauri	α	71683	SH	4	-0.01	4.34	742.12	4.4	G2	.002	.01

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE IN LIGHT YEARS 1

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY	
101	Rigel	Kentaurus	Centauri	α	71683	SH	4	-0.01	4.34	742.12	4.4	G2	.002	.01
111	Sirius	Canis Majoris	Canis Majoris	α	32349	9	1	-1.44	1.45	379.21	8.6	A0	.004	.03
97	Procyon	Canis Minoris	Canis Minoris	α	37279	10	8	0.40	2.68	285.93	11.4	F5	.003	.03
22	Altair	Aquillae	Aquillae	α	97649	53	12	0.76	2.20	194.44	16.8	A5	.005	.08
57	Fomalhaut	Piscis Austrini	Piscis Austrini	α	113368	24	18	1.17	1.74	130.08	25.1	A3	.007	.18
118	Vega	Lyrae	Lyrae	α	91262	3	5	0.03	0.58	128.93	25.3	A0	.004	.10
96	Pollux	Geminorum	Geminorum	β	37826	78	17	1.16	1.09	96.74	33.7	K0	.009	.30
45	Denebola	Leonis	Leonis	β	57632	94	62	2.14	1.92	90.16	36.2	A2	.010	.36
27	Arcturus	Boötis	Boötis	α	69673	16	3	-0.05	-0.31	88.85	36.7	K0	.008	.29
88	Mufrid, Muphrid	Boötis	Boötis	η	67927	8	109	2.68	2.41	88.17	37.0	G0	.009	.33
28	Arich	Virginis	Virginis	γ	61941	29	120	2.74	2.38	84.53	38.6	F0	.014	.54
38	Capella	Aurigae	Aurigae	α	24608	13	6	0.08	-0.48	77.29	42.2	G0	.012	.51
98	Rasalhague	Ophiuchi	Ophiuchi	α	86032	55	59	2.08	1.30	69.84	46.7	A5	.013	.61
5	Alderamin	Cephei	Cephei	α	1051199	5	88	2.45	1.58	66.84	48.8	A5	.007	.34
40	Castor	Geminorum	Geminorum	α	36850	66	23	1.58	0.59	63.27	51.5	A0	.019	.98
39	Caph	Cassopeiae	Cassopeiae	β	746	11	74	2.28	1.17	59.89	54.4	F5	.009	.49
123	Zosma, Zosca	Leonis	Leonis	δ	54872	68	97	2.56	1.32	56.52	57.7	A3	.015	.87
66	Iota Centauri	Centauri	Centauri	ι	65109	SH	123	2.75	1.48	55.64	58.6	A2	.013	.76
109	Sheratan, Sharatan	Arietis	Arietis	β	8903	6	104	2.64	1.33	54.74	59.6	A5	.014	.83
79	Menkent	Centauri	Centauri	ϕ	68933	5	53	2.06	0.70	53.52	60.9	K0	.015	.91
4	Aldebaran	Tauri	Tauri	α	21421	87	14	0.87	-0.63	50.09	65.1	K5	.019	1.24
53	Epsilon Scorpii	Scorpii	Scorpii	ϵ	82396	26	76	2.29	0.78	49.85	65.4	K0	.016	1.05
64	Hamal	Arietis	Arietis	α	9884	13	50	2.01	0.48	49.48	65.9	K2	.020	1.32
52	Epsilon Cygnus	Cygni	Cygni	ϵ	102488	53	91	2.48	0.76	45.26	72.0	K0	.012	.86
117	Unuk, Unukalhai	Serpentis	Serpentis	α	77070	24	103	2.63	0.87	44.54	73.2	K0	.016	1.17
19	Alphecca, Alphekka	Coronae	Coronae	α	76267	5	67	2.22	0.42	43.65	74.7	A0	.018	1.34
124	Zubenelgenubi	Librae	Librae	α	72622	9	122	2.75	-0.88	42.25	77.2	A3	.025	1.93
24	Ankaa	Phoenicis	Phoenicis	α	2081	SH	84	2.40	0.52	42.14	77.4	K0	.019	1.47
99	Regulus	Leonis	Leonis	α	49669	32	21	1.36	-0.52	42.09	77.5	B8	.019	1.47
86	Mizar, Mirza	Ursa Majoris	Ursa Majoris	ζ	65378	79	70	2.23	0.33	41.73	78.1	A2	.015	1.17
80	Merak	Ursa Majoris	Ursa Majoris	β	53910	48	80	2.34	0.41	41.07	79.4	A0	.015	1.19
73	Delta Velorum	Velorum	Velorum	δ	42913	SH	43	1.93	-0.01	40.90	79.7	A0	.009	.72

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE IN LIGHT YEARS 2

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
9	Alioth	Ursae Majoris	ε	62956	77	33	1.76	-0.21	40.30	80.9	A0	.015	1.21
41	Cebalrai	Ophiuchi	β	86742	60	125	2.76	0.76	39.78	82.0	K0	.019	1.56
77	Menkalinan	Aurigae	β	28360	34	41	1.90	-0.10	39.72	82.1	A0	.020	1.64
92	Phad	Ursa Majoris	γ	58001	64	85	2.41	0.36	38.99	83.6	A0	.017	1.42
103	Sabik	Ophiuchi	η	84012	35	86	2.43	0.37	38.77	84.1	A2	.022	1.85
55	Eta Draconis	Draconis	η	80331	14	118	2.73	0.58	37.18	87.7	G5	.012	1.05
59	Gamma Crux	Crucis	γ	61084	SH	24	1.59	-0.56	37.09	87.9	M3	.018	1.58
30	Ascella	Sagittarii	ζ	93506	38	101	2.60	0.42	36.61	89.0	A2	.037	3.29
7	Algol	Persei	β	14576	26	60	2.09	-0.18	35.14	92.8	B8	.026	2.41
46	Diphda	Ceti	β	3419	16	51	2.04	-0.30	34.04	95.8	K0	.024	2.30
20	Alpheratz	Pegasi	δ	677	21	55	2.07	-0.30	33.60	97.0	A0	.022	2.13
102	Ruchbah	Cassopeiae	δ	6686	37	108	2.66	0.24	32.81	99.4	A5	.019	1.89
10	Alkaid	Ursae Majoris	η	67301	85	38	1.85	-0.60	32.39	100.6	B3	.023	2.31
12	Alnair	Gruis	α	109268	SH	30	1.73	-0.73	32.16	101.4	B5	.025	2.54
8	Alhena	Geminorum	γ	31681	24	44	1.93	-0.60	31.12	104.8	A0	.075	7.86
81	Miaplacidus	Carinae	β	45238	SH	28	1.67	-0.99	29.34	111.1	A0	.016	1.78
87	Mu Velorum	Velorum	μ	52727	SH	111	2.69	-0.06	28.18	115.7	G5	.017	1.97
48	Dubhe	Ursae Majoris	α	54061	50	36	1.81	-1.08	26.38	123.6	K0	.020	2.47
6	Algieba, Algeiba	Leonis	γ	50583	41	49	2.01	-0.92	25.96	125.6	K0	.032	4.02
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58	2.07	-0.87	25.79	126.4	K5	.020	2.53
58	Gamma Centauri	Centauri	γ	61932	SH	64	2.20	-0.81	25.01	130.3	A0	.040	5.21
49	El Nath	Tauri	β	25428	112	27	1.65	-1.37	24.89	131.0	B8	.035	4.59
76	Markab	Pegasi	α	113963	54	92	2.49	-0.67	23.36	139.6	A0	.033	4.61
74	Kraz	Corvi	β	61359	9	106	2.65	-0.51	23.34	139.7	G5	.034	4.75
1	Achernar	Eridani	α	7588	SH	10	0.45	-2.77	22.68	143.7	B5	.025	3.59
70	Kaus Australis	Sagittarii	ε	90185	20	34	1.79	-1.44	22.55	144.6	A0	.045	6.51
56	Etamin, Etanin	Draconis	γ	87833	33	72	2.24	-1.04	22.10	147.5	K5	.021	3.10
125	Zuben el Chamali	Librae	β	74785	27	102	2.61	-0.84	20.38	160.0	B8	.043	6.88
61	Gienah	Corvi	γ	59803	4	100	2.58	-0.94	19.78	164.8	B8	.041	6.76
34	Beta Gruis	Gruis	β	112122	SH	56	2.07	-1.52	19.17	170.1	M3	.039	6.63
120	Yed, Yad	Ophiuchi	δ	79593	1	119	2.73	-0.86	19.16	170.1	M0	.053	9.02
114	Theta Aurigae	Aurigae	θ	28380	37	105	2.65	-0.98	18.83	173.1	A0	.043	7.44

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE IN LIGHT YEARS 3

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
18	Alphard	Hydrae	α	46390	30	48	1.99	-1.69	18.40	177.2	K2	.042	7.44
17	Alpha Pavo	Pavonis	α	100751	SH	45	1.94	-1.81	17.80	183.1	B3	.039	7.14
107	Scheat	Pegasi	β	113881	53	87	2.44	-1.49	16.37	199.1	M0	.044	8.76
83	Mirach	Andromedae	β	5447	43	57	2.07	-1.86	16.36	199.3	M0	.046	9.17
67	Izar	Boötis	ε	72105	36	81	2.35	-1.69	15.55	209.6	A0	.050	10.48
78	Menkar	Ceti	α	14135	92	94	2.54	-1.61	14.82	220.0	M0	.056	12.32
91	Nunki	Sagittarii	σ	92855	34	52	2.05	-2.14	14.54	224.2	B3	.061	13.68
108	Schedar	Cassopeiae	α	3179	18	71	2.24	-1.99	14.27	228.5	K0	.040	9.14
32	Bellatrix	Orionis	γ	25336	24	26	1.64	-2.72	13.42	242.9	B2	.073	17.73
112	Spica	Virginis	α	65474	67	15	0.98	-3.55	12.44	262.1	B2	.069	18.08
93	Phakt, Phact	Columbae	α	26634	SH	107	2.65	-1.93	12.16	268.1	B5	.049	13.14
106	Sargas	Scorpii	θ	86228		39	1.86	-2.75	11.99	271.9	F0	.070	19.03
16	Alpha Muscae	Muscae	α	61585	SH	112	2.69	-2.17	10.67	305.5	B3	.045	13.75
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117	2.72	-2.14	10.67	305.5	K0	.087	26.58
54	Eta Centauri	Centauri	η	71352	SH	79	2.33	-2.55	10.57	308.4	B3	.079	24.37
37	Canopus	Carinae	α	45348	SH	2	-0.62	-5.53	10.43	312.6	F0	.051	15.94
2	Acrux	Crucis	α	60718	SH	13	0.77	-4.19	10.17	320.6	B1	.066	21.16
33	Beta Crux	Crucis	β	62434	SH	20	1.25	-3.92	9.25	352.4	B1	.066	23.26
11	Almak, Almaak	Andromedae	γ	9640	57	61	2.10	-3.08	9.19	354.7	K0	.079	28.02
51	Epsilon Centauri	Centauri	ε	66657	SH	77	2.29	-3.02	8.68	375.6	B1	.089	33.43
121	Zeta Centauri	Centauri	ζ	68002	SH	95	2.55	-2.81	8.48	384.4	B2	.087	33.45
43	Delta Centauri	Centauri	δ	59196	SH	98	2.58	-2.84	8.25	395.2	B3	.096	37.93
47	Dschubba	Scorpii	δ	78401	7	75	2.29	-3.16	8.12	401.5	B0	.108	43.36
31	Atria	Tranguli Australis	α	82273	SH	42	1.91	-3.62	7.85	415.3	K2	.080	33.22
36	Betelgeuse	Orionis	α	27989	58	9	0.45	-5.14	7.63	427.3	M0	.215	91.87
3	Adhara	Canis Majoris	ε	33579	21	22	1.50	-4.10	7.57	430.7	B1	.075	32.30
95	Polaris	Ursae Minoris	α	11767	1	46	1.97	-3.64	7.56	431.2	F8	.063	27.17
115	Theta Carinae	Carinae	θ	52419	SH	121	2.74	-2.91	7.43	438.8	B0	.067	29.40
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93	2.54	-3.20	7.12	457.9	B0	.100	45.79
113	Tarazed	Aquilae	γ	97278	50	116	2.72	-3.03	7.08	460.5	K2	.106	48.81
68	Kappa Scorpii	Scorpii	κ	86670		83	2.39	-3.38	7.03	463.7	B2	.104	48.23
85	Mirzam	Canis Majoris	β	30324	2	47	1.98	-3.95	6.53	499.2	B1	.101	50.42

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE IN LIGHT YEARS 4

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
65	Hassaleh	Aurigae	ι	23015	3	113	2.69	-3.29	6.37	511.8	K2	.151	77.28
75	Lesath	Scorpii	ν	85696	34	114	2.70	-3.31	6.29	518.3	B3	.129	66.86
35	Beta Lupi	Lupi	β	73273		110	2.68	-3.35	6.23	523.3	B2	.114	59.65
63	Hadar	Centauri	β	68702	SH	11	0.61	-5.42	6.21	525.0	B1	.090	47.25
62	Graffias, Grafias	Scorpii	β	78820	8	96	2.56	-3.50	6.15	530.1	B1	.182	96.47
69	Kappa Velorum	Velorum	κ	45941		90	2.47	-3.62	6.05	538.8	B3	.079	42.57
15	Alpha Lupi	Lupi	α	71860	SH	78	2.30	-3.83	5.95	547.9	B2	.128	70.13
21	Alsuhaile	Velorum	λ	44816		68	2.23	-3.99	5.69	572.9	K5	.093	53.28
84	Mirfak	Persei	α	15863	33	35	1.79	-4.50	5.51	591.7	F5	.120	71.00
25	Antares	Scorpii	α	80763	21	16	1.06	-5.28	5.40	603.7	M0	.311	187.75
42	Cih	Cassopeiae	γ	4427	27	63	2.15	-4.22	5.32	612.8	B0	.105	64.34
26	Avior	Carinae	ε	41037	SH	40	1.86	-4.58	5.16	631.8	K0	.095	60.02
50	Enif	Pegasi	ε	107315	8	82	2.38	-4.19	4.85	672.2	K0	.173	116.28
116	Tureis, Turais	Carinae	ι	4556	SH	66	2.21	-4.42	4.71	692.1	F0	.098	67.83
110	Shaula	Scorpii	λ	85927	35	25	1.62	-5.05	4.64	702.6	B2	.194	136.30
105	Saiph	Orionis	κ	27366	53	54	2.07	-4.65	4.52	721.2	B0	.170	122.61
100	Rigel	Orionis	β	24436	19	7	0.18	-6.69	4.22	772.5	B8	.192	148.32
14	Alnitak	Orionis	ζ	26727	50	31	1.74	-5.26	3.99	817.0	B0	.198	161.77
60	Gamma Vela	Velorum	γ	39953	SH	32	1.75	-5.31	3.88	840.2	O0	.137	115.11
82	Mintaka, Mintika	Orionis	δ	25930	34	73	2.25	-4.99	3.56	915.7	B0	.233	213.37
94	Pi Puppis	Puppis	π	35264	SH	115	2.71	-4.92	2.98	1094.0	K5	.185	202.38
29	Arneb	Leporis	α	25985	11	99	2.58	-5.40	2.54	1283.5	F0	.283	363.22
89	Nair al Saif	Orionis	ι	26241	44	124	2.75	-5.30	2.46	1325.2	O9	.313	414.79
13	Alnilam	Orionis	ε	26311	46	29	1.69	-6.38	2.43	1341.6	B0	.374	501.76
90	Naos	Puppis	ζ	39429		65	2.21	-5.95	2.33	1399.1	O3	.219	306.41
104	Sadr, Sador	Cygni	γ	100453	37	69	2.23	-6.12	2.14	1523.4	F8	.238	362.56
119	Wezen	Canis Majoris	δ	34444	25	37	1.83	-6.87	1.82	1791.2	F8	.308	551.69
23	Aludra	Canis Majoris	η	35904	31	89	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
44	Deneb	Cygni	α	102098	50	19	1.25	-8.73	1.01	3227.8	A2	.564	1820.48

THE 125 BRIGHTEST STARS SORTED IN ORDER OF SPECTRAL CLASSIFICATION 1

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
60	Gamma Vela	Velorum	γ	39953	SH	32	1.75	-5.31	3.88	840.2	O0	.137	115.11
90	Naos	Puppis	ζ	39429		65	2.21	-5.95	2.33	1399.1	O3	.219	306.41
89	Nair al Saif	Orionis	ι	26241	44	124	2.75	-5.30	2.46	1325.2	O9	.313	414.79
47	Dschubba	Scorpii	δ	78401	7	75	2.29	-3.16	8.12	401.5	B0	.108	43.36
115	Theta Carinae	Carinae	θ	52419	SH	121	2.74	-2.91	7.43	438.8	B0	.067	29.40
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93	2.54	-3.20	7.12	457.9	B0	.100	45.79
42	Cih	Cassopeiae	γ	4427	27	63	2.15	-4.22	5.32	612.8	B0	.105	64.34
105	Saiph	Orionis	κ	27366	53	54	2.07	-4.65	4.52	721.2	B0	.170	122.61
14	Alnitak	Orionis	ζ	26727	50	31	1.74	-5.26	3.99	817.0	B0	.198	161.77
82	Mintaka, Mintika	Orionis	δ	25930	34	73	2.25	-4.99	3.56	915.7	B0	.233	213.37
13	Alnilam	Orionis	ε	26311	46	29	1.69	-6.38	2.43	1341.6	B0	.374	501.76
2	Acrux	Crucis	α	60718	SH	13	0.77	-4.19	10.17	320.6	B1	.066	21.16
33	Beta Crux	Crucis	β	62434	SH	20	1.25	-3.92	9.25	352.4	B1	.066	23.26
51	Epsilon Centauri	Centauri	ε	66657	SH	77	2.29	-3.02	8.68	375.6	B1	.089	33.43
3	Adhara	Canis Majoris	ε	33579	21	22	1.50	-4.10	7.57	430.7	B1	.075	32.30
85	Mirzam	Canis Majoris	β	30324	2	47	1.98	-3.95	6.53	499.2	B1	.101	50.42
63	Hadar	Centauri	β	68702	SH	11	0.61	-5.42	6.21	525.0	B1	.090	47.25
62	Graffias, Grafias	Scorpii	β	78820	8	96	2.56	-3.50	6.15	530.1	B1	.182	96.47
32	Bellatrix	Orionis	γ	25336	24	26	1.64	-2.72	13.42	242.9	B2	.073	17.73
112	Spica	Virginis	α	65474	67	15	0.98	-3.55	12.44	262.1	B2	.069	18.08
121	Zeta Centauri	Centauri	ζ	68002	SH	95	2.55	-2.81	8.48	384.4	B2	.087	33.45
68	Kappa Scorpii	Scorpii	κ	86670		83	2.39	-3.38	7.03	463.7	B2	.104	48.23
35	Beta Lupi	Lupi	β	73273		110	2.68	-3.35	6.23	523.3	B2	.114	59.65
15	Alpha Lupi	Lupi	α	71860	SH	78	2.30	-3.83	5.95	547.9	B2	.128	70.13
110	Shaula	Scorpii	λ	85927	35	25	1.62	-5.05	4.64	702.6	B2	.194	136.30
10	Alkaid	Ursae Majoris	η	67301	85	38	1.85	-0.60	32.39	100.6	B3	.023	2.31
17	Alpha Pavo	Pavonis	α	100751	SH	45	1.94	-1.81	17.80	183.1	B3	.039	7.14
91	Nunki	Sagittarii	σ	92855	34	52	2.05	-2.14	14.54	224.2	B3	.061	13.68
16	Alpha Muscae	Muscae	α	61585	SH	112	2.69	-2.17	10.67	305.5	B3	.045	13.75
54	Eta Centauri	Centauri	η	71352	SH	79	2.33	-2.55	10.57	308.4	B3	.079	24.37
43	Delta Centauri	Centauri	δ	59196	SH	98	2.58	-2.84	8.25	395.2	B3	.096	37.93
75	Lesath	Scorpii	ν	85696	34	114	2.70	-3.31	6.29	518.3	B3	.129	66.86

THE_125_BRIGHTEST_STARS_SORTED_IN_ORDER_OF_SPECTRAL_CLASSIFICATION_2

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
69	Kappa Velorum	Velorum	κ	45941		90	2.47	-3.62	6.05	538.8	B3	.079	42.57
12	Alnair	Gruis	α	109268	SH	30	1.73	-0.73	32.16	101.4	B5	.025	2.54
1	Achernar	Eridani	α	7588	SH	10	0.45	-2.77	22.68	143.7	B5	.025	3.59
93	Phakt, Phact	Columbae	α	26634	SH	107	2.65	-1.93	12.16	268.1	B5	.049	13.14
23	Aludra	Canis Majoris	η	35904	31	89	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
99	Regulus	Leonis	α	49669	32	21	1.36	-0.52	42.09	77.5	B8	.019	1.47
7	Algol	Persei	β	14576	26	60	2.09	-0.18	35.14	92.8	B8	.026	2.41
49	El Nath	Tauri	β	25428	112	27	1.65	-1.37	24.89	131.0	B8	.035	4.59
125	Zuben el Chamali	Librae	β	74785	27	102	2.61	-0.84	20.38	160.0	B8	.043	6.88
61	Gienah	Corvi	γ	59803	4	100	2.58	-0.94	19.78	164.8	B8	.041	6.76
100	Rigel	Orionis	β	24436	19	7	0.18	-6.69	4.22	772.5	B8	.192	148.32
111	Sirius	Canis Majoris	α	32349	9	1	-1.44	1.45	379.21	8.6	A0	.004	.03
118	Vega	Lyrae	α	91262	3	5	0.03	0.58	128.93	25.3	A0	.004	.10
40	Castor	Geminorum	α	36850	66	23	1.58	0.59	63.27	51.5	A0	.019	.98
19	Alphecca, Alphekka	Coronae	α	76267	5	67	2.22	0.42	43.65	74.7	A0	.018	1.34
80	Merak	Ursa Majoris	β	53910	48	80	2.34	0.41	41.07	79.4	A0	.015	1.19
73	Delta Velorum	Velorum	δ	42913	SH	43	1.93	-0.01	40.90	79.7	A0	.009	.72
9	Alioth	Ursae Majoris	ε	62956	77	33	1.76	-0.21	40.30	80.9	A0	.015	1.21
77	Menkalinan	Aurigae	β	28360	34	41	1.90	-0.10	39.72	82.1	A0	.020	1.64
92	Phad	Ursa Majoris	γ	58001	64	85	2.41	0.36	38.99	83.6	A0	.017	1.42
20	Alpheratz	Pegasi	δ	677	21	55	2.07	-0.30	33.60	97.0	A0	.022	2.13
8	Alhena	Geminorum	γ	31681	24	44	1.93	-0.60	31.12	104.8	A0	.075	7.86
81	Miaplacidus	Carinae	β	45238	SH	28	1.67	-0.99	29.34	111.1	A0	.016	1.78
58	Gamma Centauri	Centauri	γ	61932	SH	64	2.20	-0.81	25.01	130.3	A0	.040	5.21
76	Markab	Pegasi	α	113963	54	92	2.49	-0.67	23.36	139.6	A0	.033	4.61
70	Kaus Australis	Sagittarii	ε	90185	20	34	1.79	-1.44	22.55	144.6	A0	.045	6.51
114	Theta Aurigae	Aurigae	θ	28380	37	105	2.65	-0.98	18.83	173.1	A0	.043	7.44
67	Izar	Boötis	ε	72105	36	81	2.35	-1.69	15.55	209.6	A0	.050	10.48
45	Denebola	Leonis	β	57632	94	62	2.14	1.92	90.16	36.2	A2	.010	.36
66	Iota Centauri	Centauri	ι	65109	SH	123	2.75	1.48	55.64	58.6	A2	.013	.76
86	Mizar, Mirza	Ursa Majoris	ζ	65378	79	70	2.23	0.33	41.73	78.1	A2	.015	1.17
103	Sabik	Ophiuchi	η	84012	35	86	2.43	0.37	38.77	84.1	A2	.022	1.85

THE 125 BRIGHTEST STARS SORTED IN ORDER OF SPECTRAL CLASSIFICATION 3

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
30	Ascella	Sagittarii	ζ	93506	38	101	2.60	0.42	36.61	89.0	A2	.037	3.29
44	Deneb	Cygni	α	102098	50	19	1.25	-8.73	1.01	3227.8	A2	.564	1820.48
123	Zosma, Zosca	Leonis	δ	54872	68	97	2.56	1.32	56.52	57.7	A3	.015	.87
124	Zubenelgenubi	Librae	α	72622	9	122	2.75	-0.88	42.25	77.2	A3	.025	1.93
57	Fomalhaut	Piscis Austrini	α	113368	24	18	1.17	1.74	130.08	25.1	A3	.007	.18
102	Ruchbah	Cassopeiae	δ	6686	37	108	2.66	0.24	32.81	99.4	A5	.019	1.89
109	Sheratan, Sharatan	Arietis	β	8903	6	104	2.64	1.33	54.74	59.6	A5	.014	.83
98	Rasalhague	Ophiuchi	α	86032	55	59	2.08	1.30	69.84	46.7	A5	.013	.61
22	Altair	Aquilae	α	97649	53	12	0.76	2.20	194.44	16.8	A5	.005	.08
5	Alderamin	Cephei	α	1051199	5	88	2.45	1.58	66.84	48.8	A5	.007	.34
116	Tureis, Turais	Carinae	ι	4556	SH	66	2.21	-4.42	4.71	692.1	F0	.098	67.83
29	Arneb	Leporis	α	25985	11	99	2.58	-5.40	2.54	1283.5	F0	.283	363.22
37	Canopus	Carinae	α	45348	SH	2	-0.62	-5.53	10.43	312.6	F0	.051	15.94
28	Arich	Virginis	γ	61941	29	120	2.74	2.38	84.53	38.6	F0	.014	.54
106	Sargas	Scorpii	θ	86228		39	1.86	-2.75	11.99	271.9	F0	.070	19.03
39	Caph	Cassopeiae	β	746	11	74	2.28	1.17	59.89	54.4	F5	.009	.49
84	Mirfak	Persei	α	15863	33	35	1.79	-4.50	5.51	591.7	F5	.120	71.00
97	Procyon	Canis Minoris	α	37279	10	8	0.40	2.68	285.93	11.4	F5	.003	.03
95	Polaris	Ursae Minoris	α	11767	1	46	1.97	-3.64	7.56	431.2	F8	.063	27.17
119	Wezen	Canis Majoris	δ	34444	25	37	1.83	-6.87	1.82	1791.2	F8	.308	551.69
104	Sadr, Sador	Cygni	γ	100453	37	69	2.23	-6.12	2.14	1523.4	F8	.238	362.56
38	Capella	Aurigae	α	24608	13	6	0.08	-0.48	77.29	42.2	G0	.012	.51
88	Mufrid, Muphrid	Boötis	η	67927	8	109	2.68	2.41	88.17	37.0	G0	.009	.33
101	Rigel Kentaurus	Centauri	α	71683	SH	4	-0.01	4.34	742.12	4.4	G2	.002	.01
87	Mu Velorum	Velorum	μ	52727	SH	111	2.69	-0.06	28.18	115.7	G5	.017	1.97
74	Kraz	Corvi	β	61359	9	106	2.65	-0.51	23.34	139.7	G5	.034	4.75
55	Eta Draconis	Draconis	η	80331	14	118	2.73	0.58	37.18	87.7	G5	.012	1.05
24	Ankaa	Phoenicis	α	2081	SH	84	2.40	0.52	42.14	77.4	K0	.019	1.47
108	Schedar	Cassopeiae	α	3179	18	71	2.24	-1.99	14.27	228.5	K0	.040	9.14
46	Diphda	Ceti	β	3419	16	51	2.04	-0.30	34.04	95.8	K0	.024	2.30
11	Almak, Almaak	Andromedae	γ	9640	57	61	2.10	-3.08	9.19	354.7	K0	.079	28.02
96	Pollux	Geminorum	β	37826	78	17	1.16	1.09	96.74	33.7	K0	.009	.30

THE 125 BRIGHTEST STARS SORTED IN ORDER OF SPECTRAL CLASSIFICATION 4

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
26	Avior	Carinae	ε	41037	SH	40	1.86	-4.58	5.16	631.8	K0	.095	60.02
6	Algieba, Algeiba	Leonis	γ	50583	41	49	2.01	-0.92	25.96	125.6	K0	.032	4.02
48	Dubhe	Ursae Majoris	α	54061	50	36	1.81	-1.08	26.38	123.6	K0	.020	2.47
79	Menkent	Centauri	φ	68933	5	53	2.06	0.70	53.52	60.9	K0	.015	.91
27	Arcturus	Boötis	α	69673	16	3	-0.05	-0.31	88.85	36.7	K0	.008	.29
117	Unuk, Unukalhai	Serpentis	α	77070	24	103	2.63	0.87	44.54	73.2	K0	.016	1.17
53	Epsilon Scorpii	Scorpii	ε	82396	26	76	2.29	0.78	49.85	65.4	K0	.016	1.05
41	Cebalrai	Ophiuchi	β	86742	60	125	2.76	0.76	39.78	82.0	K0	.019	1.56
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117	2.72	-2.14	10.67	305.5	K0	.087	26.58
52	Epsilon Cygnus	Cygni	ε	102488	53	91	2.48	0.76	45.26	72.0	K0	.012	.86
50	Enif	Pegasi	ε	107315	8	82	2.38	-4.19	4.85	672.2	K0	.173	116.28
64	Hamal	Arietis	α	9884	13	50	2.01	0.48	49.48	65.9	K2	.020	1.32
65	Hassaleh	Aurigae	ι	23015	3	113	2.69	-3.29	6.37	511.8	K2	.151	77.28
18	Alphard	Hydrae	α	46390	30	48	1.99	-1.69	18.40	177.2	K2	.042	7.44
31	Atria	Tranguli Australis	α	82273	SH	42	1.91	-3.62	7.85	415.3	K2	.080	33.22
113	Tarazed	Aquilae	γ	97278	50	116	2.72	-3.03	7.08	460.5	K2	.106	48.81
4	Aldebaran	Tauri	α	21421	87	14	0.87	-0.63	50.09	65.1	K5	.019	1.24
94	Pi Puppis	Puppis	π	35264	SH	115	2.71	-4.92	2.98	1094.0	K5	.185	202.38
21	Alshail	Velorum	λ	44816		68	2.23	-3.99	5.69	572.9	K5	.093	53.28
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58	2.07	-0.87	25.79	126.4	K5	.020	2.53
56	Etamin, Etanin	Draconis	γ	87833	33	72	2.24	-1.04	22.10	147.5	K5	.021	3.10
83	Mirach	Andromedae	β	5447	43	57	2.07	-1.86	16.36	199.3	M0	.046	9.17
78	Menkar	Ceti	α	14135	92	94	2.54	-1.61	14.82	220.0	M0	.056	12.32
36	Betelgeuse	Orionis	α	27989	58	9	0.45	-5.14	7.63	427.3	M0	.215	91.87
120	Yed, Yad	Ophiuchi	δ	79593	1	119	2.73	-0.86	19.16	170.1	M0	.053	9.02
25	Antares	Scorpii	α	80763	21	16	1.06	-5.28	5.40	603.7	M0	.311	187.75
107	Scheat	Pegasi	β	113881	53	87	2.44	-1.49	16.37	199.1	M0	.044	8.76
59	Gamma Crux	Crucis	γ	61084	SH	24	1.59	-0.56	37.09	87.9	M3	.018	1.58
34	Beta Gruis	Gruis	β	112122	SH	56	2.07	-1.52	19.17	170.1	M3	.039	6.63

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE ERROR 1

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
101	Rigel	Kentauri	α	71683	SH	4	-0.01	4.34	742.12	4.4	G2	.002	.01
97	Procyon	Canis Minoris	α	37279	10	8	0.40	2.68	285.93	11.4	F5	.003	.03
111	Sirius	Canis Majoris	α	32349	9	1	-1.44	1.45	379.21	8.6	A0	.004	.03
22	Altair	Aquilae	α	97649	53	12	0.76	2.20	194.44	16.8	A5	.005	.08
118	Vega	Lyrae	α	91262	3	5	0.03	0.58	128.93	25.3	A0	.004	.10
57	Fomalhaut	Piscis Austrini	α	113368	24	18	1.17	1.74	130.08	25.1	A3	.007	.18
27	Arcturus	Boötis	α	69673	16	3	-0.05	-0.31	88.85	36.7	K0	.008	.29
96	Pollux	Geminorum	β	37826	78	17	1.16	1.09	96.74	33.7	K0	.009	.30
88	Mufrid, Muphrid	Boötis	η	67927	8	109	2.68	2.41	88.17	37.0	G0	.009	.33
5	Alderamin	Cephei	α	1051199	5	88	2.45	1.58	66.84	48.8	A5	.007	.34
45	Denebola	Leonis	β	57632	94	62	2.14	1.92	90.16	36.2	A2	.010	.36
39	Caph	Cassopeiae	β	746	11	74	2.28	1.17	59.89	54.4	F5	.009	.49
38	Capella	Aurigae	α	24608	13	6	0.08	-0.48	77.29	42.2	G0	.012	.51
28	Arich	Virginis	γ	61941	29	120	2.74	2.38	84.53	38.6	F0	.014	.54
98	Rasalhague	Ophiuchi	α	86032	55	59	2.08	1.30	69.84	46.7	A5	.013	.61
73	Delta Velorum	Velorum	δ	42913	SH	43	1.93	-0.01	40.90	79.7	A0	.009	.72
66	Iota Centauri	Centauri	ι	65109	SH	123	2.75	1.48	55.64	58.6	A2	.013	.76
109	Sheratan, Sharatan	Arietis	β	8903	6	104	2.64	1.33	54.74	59.6	A5	.014	.83
52	Epsilon Cygnus	Cygni	ϵ	102488	53	91	2.48	0.76	45.26	72.0	K0	.012	.86
123	Zosma, Zosca	Leonis	δ	54872	68	97	2.56	1.32	56.52	57.7	A3	.015	.87
79	Menkent	Centauri	ϕ	68933	5	53	2.06	0.70	53.52	60.9	K0	.015	.91
40	Castor	Geminorum	α	36850	66	23	1.58	0.59	63.27	51.5	A0	.019	.98
53	Epsilon Scorpii	Scorpii	ϵ	82396	26	76	2.29	0.78	49.85	65.4	K0	.016	1.05
55	Eta Draconis	Draconis	η	80331	14	118	2.73	0.58	37.18	87.7	G5	.012	1.05
117	Unuk, Unukalhai	Serpentis	α	77070	24	103	2.63	0.87	44.54	73.2	K0	.016	1.17
86	Mizar, Mirza	Ursa Majoris	ζ	65378	79	70	2.23	0.33	41.73	78.1	A2	.015	1.17
80	Merak	Ursa Majoris	β	53910	48	80	2.34	0.41	41.07	79.4	A0	.015	1.19
9	Alioth	Ursae Majoris	ϵ	62956	77	33	1.76	-0.21	40.30	80.9	A0	.015	1.21
4	Aldebaran	Tauri	α	21421	87	14	0.87	-0.63	50.09	65.1	K5	.019	1.24
64	Hamal	Arietis	α	9884	13	50	2.01	0.48	49.48	65.9	K2	.020	1.32
19	Alphecca,	Coronae	α	76267	5	67	2.22	0.42	43.65	74.7	A0	.018	1.34
92	Phad	Ursa Majoris	γ	58001	64	85	2.41	0.36	38.99	83.6	A0	.017	1.42

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE ERROR 2

Alphabet Number	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
24	Ankaa	Phoenicis	α	2081	SH	84	2.40	0.52	42.14	77.4	K0	.019	1.47
99	Regulus	Leonis	α	49669	32	21	1.36	-0.52	42.09	77.5	B8	.019	1.47
41	Cebalrai	Ophiuchi	β	86742	60	125	2.76	0.76	39.78	82.0	K0	.019	1.56
59	Gamma Crux	Crucis	γ	61084	SH	24	1.59	-0.56	37.09	87.9	M3	.018	1.58
77	Menkalinan	Aurigae	β	28360	34	41	1.90	-0.10	39.72	82.1	A0	.020	1.64
81	Miaplacidus	Carinae	β	45238	SH	28	1.67	-0.99	29.34	111.1	A0	.016	1.78
103	Sabik	Ophiuchi	η	84012	35	86	2.43	0.37	38.77	84.1	A2	.022	1.85
102	Ruchbah	Cassopeiae	δ	6686	37	108	2.66	0.24	32.81	99.4	A5	.019	1.89
124	Zubenelgenubi	Librae	α	72622	9	122	2.75	-0.88	42.25	77.2	A3	.025	1.93
87	Mu Velorum	Velorum	μ	52727	SH	111	2.69	-0.06	28.18	115.7	G5	.017	1.97
20	Alpheratz	Pegasi	δ	677	21	55	2.07	-0.30	33.60	97.0	A0	.022	2.13
46	Diphda	Ceti	β	3419	16	51	2.04	-0.30	34.04	95.8	K0	.024	2.30
10	Alkaid	Ursae Majoris	η	67301	85	38	1.85	-0.60	32.39	100.6	B3	.023	2.31
7	Algol	Persei	β	14576	26	60	2.09	-0.18	35.14	92.8	B8	.026	2.41
48	Dubhe	Ursae Majoris	α	54061	50	36	1.81	-1.08	26.38	123.6	K0	.020	2.47
72	Kocab, Kochab	Ursae Minoris	β	72607	7	58	2.07	-0.87	25.79	126.4	K5	.020	2.53
12	Alnair	Gruis	α	109268	SH	30	1.73	-0.73	32.16	101.4	B5	.025	2.54
56	Etamin, Etanin	Draconis	γ	87833	33	72	2.24	-1.04	22.10	147.5	K5	.021	3.10
30	Ascella	Sagittarii	ζ	93506	38	101	2.60	0.42	36.61	89.0	A2	.037	3.29
1	Achernar	Eridani	α	7588	SH	10	0.45	-2.77	22.68	143.7	B5	.025	3.59
6	Algieba, Algeiba	Leonis	γ	50583	41	49	2.01	-0.92	25.96	125.6	K0	.032	4.02
49	El Nath	Tauri	β	25428	112	27	1.65	-1.37	24.89	131.0	B8	.035	4.59
76	Markab	Pegasi	α	113963	54	92	2.49	-0.67	23.36	139.6	A0	.033	4.61
74	Kraz	Corvi	β	61359	9	106	2.65	-0.51	23.34	139.7	G5	.034	4.75
58	Gamma Centauri	Centauri	γ	61932	SH	64	2.20	-0.81	25.01	130.3	A0	.040	5.21
70	Kaus Australis	Sagittarii	ε	90185	20	34	1.79	-1.44	22.55	144.6	A0	.045	6.51
34	Beta Gruis	Gruis	β	112122	SH	56	2.07	-1.52	19.17	170.1	M3	.039	6.63
61	Gienah	Corvi	γ	59803	4	100	2.58	-0.94	19.78	164.8	B8	.041	6.76
125	Zuben el Chamali	Librae	β	74785	27	102	2.61	-0.84	20.38	160.0	B8	.043	6.88
17	Alpha Pavo	Pavonis	α	100751	SH	45	1.94	-1.81	17.80	183.1	B3	.039	7.14
18	Alphard	Hydrae	α	46390	30	48	1.99	-1.69	18.40	177.2	K2	.042	7.44
114	Theta Aurigae	Aurigae	θ	28380	37	105	2.65	-0.98	18.83	173.1	A0	.043	7.44

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE ERROR 3

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
8	Alhena	Geminorum	γ	31681	24	44	1.93	-0.60	31.12	104.8	A0	.075	7.86
107	Scheat	Pegasi	β	113881	53	87	2.44	-1.49	16.37	199.1	M0	.044	8.76
120	Yed, Yad	Ophiuchi	δ	79593	1	119	2.73	-0.86	19.16	170.1	M0	.053	9.02
108	Schedar	Cassopeiae	α	3179	18	71	2.24	-1.99	14.27	228.5	K0	.040	9.14
83	Mirach	Andromedae	β	5447	43	57	2.07	-1.86	16.36	199.3	M0	.046	9.17
67	Izar	Boötis	ε	72105	36	81	2.35	-1.69	15.55	209.6	A0	.050	10.48
78	Menkar	Ceti	α	14135	92	94	2.54	-1.61	14.82	220.0	M0	.056	12.32
93	Phakt, Phact	Columbae	α	26634	SH	107	2.65	-1.93	12.16	268.1	B5	.049	13.14
91	Nunki	Sagittarii	σ	92855	34	52	2.05	-2.14	14.54	224.2	B3	.061	13.68
16	Alpha Muscae	Muscae	α	61585	SH	112	2.69	-2.17	10.67	305.5	B3	.045	13.75
37	Canopus	Carinae	α	45348	SH	2	-0.62	-5.53	10.43	312.6	F0	.051	15.94
32	Bellatrix	Orionis	γ	25336	24	26	1.64	-2.72	13.42	242.9	B2	.073	17.73
112	Spica	Virginis	α	65474	67	15	0.98	-3.55	12.44	262.1	B2	.069	18.08
106	Sargas	Scorpii	θ	86228		39	1.86	-2.75	11.99	271.9	F0	.070	19.03
2	Acrux	Crucis	α	60718	SH	13	0.77	-4.19	10.17	320.6	B1	.066	21.16
33	Beta Crux	Crucis	β	62434	SH	20	1.25	-3.92	9.25	352.4	B1	.066	23.26
54	Eta Centauri	Centauri	η	71352	SH	79	2.33	-2.55	10.57	308.4	B3	.079	24.37
71	Kaus Meridionalis	Sagittarii	δ	89931	19	117	2.72	-2.14	10.67	305.5	K0	.087	26.58
95	Polaris	Ursae Minoris	α	11767	1	46	1.97	-3.64	7.56	431.2	F8	.063	27.17
11	Almak, Almaak	Andromedae	γ	9640	57	61	2.10	-3.08	9.19	354.7	K0	.079	28.02
115	Theta Carinae	Carinae	θ	52419	SH	121	2.74	-2.91	7.43	438.8	B0	.067	29.40
3	Adhara	Canis Majoris	ε	33579	21	22	1.50	-4.10	7.57	430.7	B1	.075	32.30
31	Atria	Tranguli Australis	α	82273	SH	42	1.91	-3.62	7.85	415.3	K2	.080	33.22
51	Epsilon Centauri	Centauri	ε	66657	SH	77	2.29	-3.02	8.68	375.6	B1	.089	33.43
121	Zeta Centauri	Centauri	ζ	68002	SH	95	2.55	-2.81	8.48	384.4	B2	.087	33.45
43	Delta Centauri	Centauri	δ	59196	SH	98	2.58	-2.84	8.25	395.2	B3	.096	37.93
69	Kappa Velorum	Velorum	κ	45941		90	2.47	-3.62	6.05	538.8	B3	.079	42.57
47	Dschubba	Scorpii	δ	78401	7	75	2.29	-3.16	8.12	401.5	B0	.108	43.36
122	Zeta Ophiuchi	Ophiuchi	ζ	811377	13	93	2.54	-3.20	7.12	457.9	B0	.100	45.79
63	Hadar	Centauri	β	68702	SH	11	0.61	-5.42	6.21	525.0	B1	.090	47.25
68	Kappa Scorpii	Scorpii	κ	86670		83	2.39	-3.38	7.03	463.7	B2	.104	48.23
113	Tarazed	Aquilae	γ	97278	50	116	2.72	-3.03	7.08	460.5	K2	.106	48.81

THE 125 BRIGHTEST STARS SORTED IN ORDER OF DISTANCE ERROR 4

Alphabet Number Order	Star Common Name or Names	Genitive Name for Constellation	Bayer Greek Letter	Hipparcos ID Number	Flamsteed ID Number	Visual Magnitude Rank	Apparent Magnitude Number	Absolute Magnitude Number	Distance Milli-arc Seconds	Distance in Light Years	Spect. Temp. Class	Relative Precision of Dist.	Plus or Minus Error LY
85	Mirzam	Canis Majoris	β	30324	2	47	1.98	-3.95	6.53	499.2	B1	.101	50.42
21	Alsu hail	Velorum	λ	44816		68	2.23	-3.99	5.69	572.9	K5	.093	53.28
35	Beta Lupi	Lupi	β	73273		110	2.68	-3.35	6.23	523.3	B2	.114	59.65
26	Avior	Carinae	ε	41037	SH	40	1.86	-4.58	5.16	631.8	K0	.095	60.02
42	Cih	Cassopeiae	γ	4427	27	63	2.15	-4.22	5.32	612.8	B0	.105	64.34
75	Lesath	Scorpii	ν	85696	34	114	2.70	-3.31	6.29	518.3	B3	.129	66.86
116	Tureis, Turais	Carinae	ι	4556	SH	66	2.21	-4.42	4.71	692.1	F0	.098	67.83
15	Alpha Lupi	Lupi	α	71860	SH	78	2.30	-3.83	5.95	547.9	B2	.128	70.13
84	Mirfak	Persei	α	15863	33	35	1.79	-4.50	5.51	591.7	F5	.120	71.00
65	Hassaleh	Aurigae	ι	23015	3	113	2.69	-3.29	6.37	511.8	K2	.151	77.28
36	Betelgeuse	Orionis	α	27989	58	9	0.45	-5.14	7.63	427.3	M0	.215	91.87
62	Graffias, Grafias	Scorpii	β	78820	8	96	2.56	-3.50	6.15	530.1	B1	.182	96.47
60	Gamma Vela	Velorum	γ	39953	SH	32	1.75	-5.31	3.88	840.2	O0	.137	115.11
50	Enif	Pegasi	ε	107315	8	82	2.38	-4.19	4.85	672.2	K0	.173	116.28
105	Saiph	Orionis	κ	27366	53	54	2.07	-4.65	4.52	721.2	B0	.170	122.61
110	Shaula	Scorpii	λ	85927	35	25	1.62	-5.05	4.64	702.6	B2	.194	136.30
100	Rigel	Orionis	β	24436	19	7	0.18	-6.69	4.22	772.5	B8	.192	148.32
14	Alnitak	Orionis	ζ	26727	50	31	1.74	-5.26	3.99	817.0	B0	.198	161.77
25	Antares	Scorpii	α	80763	21	16	1.06	-5.28	5.40	603.7	M0	.311	187.75
94	Pi Puppis	Puppis	π	35264	SH	115	2.71	-4.92	2.98	1094.0	K5	.185	202.38
82	Mintaka, Mintika	Orionis	δ	25930	34	73	2.25	-4.99	3.56	915.7	B0	.233	213.37
90	Naos	Puppis	ζ	39429		65	2.21	-5.95	2.33	1399.1	O3	.219	306.41
104	Sadr, Sador	Cygni	γ	100453	37	69	2.23	-6.12	2.14	1523.4	F8	.238	362.56
29	Arneb	Leporis	α	25985	11	99	2.58	-5.40	2.54	1283.5	F0	.283	363.22
89	Nair al Saif	Orionis	ι	26241	44	124	2.75	-5.30	2.46	1325.2	O9	.313	414.79
13	Alnilam	Orionis	ε	26311	46	29	1.69	-6.38	2.43	1341.6	B0	.374	501.76
119	Wezen	Canis Majoris	δ	34444	25	37	1.83	-6.87	1.82	1791.2	F8	.308	551.69
23	Aludra	Canis Majoris	η	35904	31	89	2.45	-7.51	1.02	3196.1	B5	.559	1786.61
44	Deneb	Cygni	α	102098	50	19	1.25	-8.73	1.01	3227.8	A2	.564	1820.48