

All units in length

Edit any value and every other unit updates instantly.

METRIC · 8 units		▲
kilometer km	TO UNIT i	9 460 730 472 581
meter m	i	9 460 730 472 580 800
decimeter dm		94 607 304 725 808 000
centimeter cm		946 073 047 258 080 000
millimeter mm		9 460 730 472 580 800 000
micrometer μm		9 460 730 472 580 801 000 000
nanometer nm		9 460 730 472 580 800 000 000 000
angstrom Å		94 607 304 725 807 990 000 000 000
BRITISH / AMERICAN · 11 units		▲
league league		1 959 541 791 061
mile mi	i	5 878 625 373 184
furlong furlong		47 029 002 985 469
chain chain		470 290 029 854 689
rod rd		1 881 160 119 418 754
yard yd	i	10 346 380 656 803 150
foot ft	i	31 039 141 970 409 450
link link		47 029 002 985 468 856

hand hand	93 117 425 911 228 350
inch in ⓘ	372 469 703 644 913 400
line line	4 469 636 443 738 953 700
NAUTICAL · 4 units ▲	
distance minute distansminut	5 108 385 784 331
nautical mile ⓘ	5 108 385 784 331
nautical mile (nautisk mil) nautisk mil	5 108 385 784 331
cable length kabellängd	51 083 857 843 309
ASTRONOMICAL · 5 units ▲	
parsec pc ⓘ	0.3066
light-year ly FROM ⓘ	1.000
astronomical unit AU ⓘ	63 241
light-minute 1m	525 960
light-second 1s	31 557 600
JAPANESE · 8 units ▼	
ri ri	2 408 982 296 259
kairi kairi	5 108 385 784 331
cho cho	86 723 362 665 324
jyo jyo	3 122 041 055 951 665
ken ken	5 203 401 759 919 435

shyaku shyaku	31 220 410 559 516 644
sun sun	312 204 105 595 166 400
mon mon	394 197 103 024 200 000
ANCIENT GREEK · 5 units	▼
thousand of orgium orgium (1000)	5 111 145 582 161
Greek mile mile	6 814 860 776 215
stadium olympic stadium	49 205 442 724 194
stadium ptolemy stadium	51 139 083 635 572
stadium attic stadium	51 144 612 782 900
BIBLICAL · 3 units	▼
cubit cubit	20 692 797 295 176 444
span span	41 385 594 590 352 800
handbreadth handbreadth	124 156 567 881 637 800
OLD SWEDISH · 10 units	▼
mil mil ⓘ	946 073 047 258
fjardingsvag fjärdingsväg	3 540 692 542 134
famn famn	5 315 017 119 427 416
steg steg ⓘ	10 511 922 747 312 000
aln aln	15 932 466 499 912 090
Swedish fot fot ⓘ	31 864 932 999 824 180

verktum verktum	382 379 195 997 890 240
old Swedish tum tum ⓘ	382 406 243 839 159 230
verklīne verklīnje	4 588 550 351 974 682 600
skrupel skrupel	318 632 588 160 473 370 000

Conversion table from light-year to meter

LIGHT-YEAR	METER
0	0
1.000	9 460 730 472 580 800
2.000	18 921 460 945 161 600
3.000	28 382 191 417 742 400
4.000	37 842 921 890 323 200
5.000	47 303 652 362 904 000
6.000	56 764 382 835 484 800
7.000	66 225 113 308 065 600
8.000	75 685 843 780 646 400
9.000	85 146 574 253 227 200
10.00	94 607 304 725 808 000
11.00	104 068 035 198 388 800
12.00	113 528 765 670 969 600
13.00	122 989 496 143 550 400
14.00	132 450 226 616 131 200
15.00	141 910 957 088 712 000
16.00	151 371 687 561 292 800
17.00	160 832 418 033 873 600
18.00	170 293 148 506 454 400
19.00	179 753 878 979 035 200
20.00	189 214 609 451 616 000
21.00	198 675 339 924 196 800

LIGHT-YEAR	METER
22.00	208 136 070 396 777 600
23.00	217 596 800 869 358 400
24.00	227 057 531 341 939 200
25.00	236 518 261 814 520 000
26.00	245 978 992 287 100 800
27.00	255 439 722 759 681 600
28.00	264 900 453 232 262 400
29.00	274 361 183 704 843 200

Conversion table from light-year to kilometer

LIGHT-YEAR	KILOMETER
0	0
1.000	9 460 730 472 581
2.000	18 921 460 945 162
3.000	28 382 191 417 742
4.000	37 842 921 890 323
5.000	47 303 652 362 904
6.000	56 764 382 835 485
7.000	66 225 113 308 066
8.000	75 685 843 780 646
9.000	85 146 574 253 227
10.00	94 607 304 725 808
11.00	104 068 035 198 389
12.00	113 528 765 670 970
13.00	122 989 496 143 550
14.00	132 450 226 616 131
15.00	141 910 957 088 712
16.00	151 371 687 561 293
17.00	160 832 418 033 874
18.00	170 293 148 506 454
19.00	179 753 878 979 035
20.00	189 214 609 451 616
21.00	198 675 339 924 197

LIGHT-YEAR	KILOMETER
22.00	208 136 070 396 778
23.00	217 596 800 869 358
24.00	227 057 531 341 939
25.00	236 518 261 814 520
26.00	245 978 992 287 101
27.00	255 439 722 759 682
28.00	264 900 453 232 262
29.00	274 361 183 704 843

Conversion table from light-year to mile

LIGHT-YEAR	MILE
0	0
1.000	5 878 625 373 184
2.000	11 757 250 746 367
3.000	17 635 876 119 551
4.000	23 514 501 492 734
5.000	29 393 126 865 918
6.000	35 271 752 239 102
7.000	41 150 377 612 285
8.000	47 029 002 985 469
9.000	52 907 628 358 652
10.00	58 786 253 731 836
11.00	64 664 879 105 020
12.00	70 543 504 478 203
13.00	76 422 129 851 387
14.00	82 300 755 224 571
15.00	88 179 380 597 754
16.00	94 058 005 970 938
17.00	99 936 631 344 121
18.00	105 815 256 717 305
19.00	111 693 882 090 489
20.00	117 572 507 463 672
21.00	123 451 132 836 856

LIGHT-YEAR	MILE
22.00	129 329 758 210 039
23.00	135 208 383 583 223
24.00	141 087 008 956 407
25.00	146 965 634 329 590
26.00	152 844 259 702 774
27.00	158 722 885 075 957
28.00	164 601 510 449 141
29.00	170 480 135 822 325