

All units in length

Edit any value and every other unit updates instantly.

METRIC · 8 units		▲
kilometer km ⓘ		149 597 871
meter m TO UNIT ⓘ		149 597 870 700
decimeter dm		1 495 978 707 000
centimeter cm		14 959 787 070 000
millimeter mm		149 597 870 700 000
micrometer μm		149 597 870 700 000 000
nanometer nm		149 597 870 700 000 000 000
angstrom Å		1 495 978 707 000 000 000 000
BRITISH / AMERICAN · 11 units		▲
league league		30 985 269
mile mi ⓘ		92 955 807
furlong furlong		743 646 458
chain chain		7 436 464 582
rod rd		29 745 858 327
yard yd ⓘ		163 602 220 801
foot ft ⓘ		490 806 662 402
link link		743 646 458 184

hand hand	1 472 419 987 205
inch in ⓘ	5 889 679 948 819
line line	70 676 159 385 827
NAUTICAL · 4 units ▲	
distance minute distansminut	80 776 388
nautical mile ⓘ	80 776 388
nautical mile (nautisk mil) nautisk mil	80 776 388
cable length kabellängd	807 763 881
ASTRONOMICAL · 5 units ▲	
parsec pc ⓘ	0.000004848
light-year ly ⓘ	0.00001581
astronomical unit AU FROM ⓘ	1.000
light-minute 1m	8.317
light-second 1s	499.0
JAPANESE · 8 units ▼	
ri ri	38 092 050
kairi kairi	80 776 388
cho cho	1 371 313 815
jyo jyo	49 367 297 331
ken ken	82 278 828 885

shyaku shyaku	493 672 973 310
sun sun	4 936 729 733 100
mon mon	6 233 244 612 500
ANCIENT GREEK · 5 units	▼
thousand of orgium orgium (1000)	80 820 027
Greek mile mile	107 760 037
stadium olympic stadium	778 061 428
stadium ptolemy stadium	808 637 139
stadium attic stadium	808 724 569
BIBLICAL · 3 units	▼
cubit cubit	327 205 010 560
span span	654 410 021 120
handbreadth handbreadth	1 963 226 649 606
OLD SWEDISH · 10 units	▼
mil mil ⓘ	14 959 787
fjardingsvag fjärdingsväg	55 987 227
famn famn	84 043 747 584
steg steg ⓘ	166 219 856 333
aln aln	251 932 244 587
Swedish fot fot ⓘ	503 864 489 173

verktum verktum	6 046 373 870 078
old Swedish tum tum ⓘ	6 046 801 564 268
verklina verklinje	72 556 486 440 935
skrupel skrupel	5 038 380 161 297 819

Conversion table from astronomical unit to meter

ASTRONOMICAL UNIT	METER
0	0
1.000	149 597 870 700
2.000	299 195 741 400
3.000	448 793 612 100
4.000	598 391 482 800
5.000	747 989 353 500
6.000	897 587 224 200
7.000	1 047 185 094 900
8.000	1 196 782 965 600
9.000	1 346 380 836 300
10.00	1 495 978 707 000
11.00	1 645 576 577 700
12.00	1 795 174 448 400
13.00	1 944 772 319 100
14.00	2 094 370 189 800
15.00	2 243 968 060 500
16.00	2 393 565 931 200
17.00	2 543 163 801 900
18.00	2 692 761 672 600
19.00	2 842 359 543 300
20.00	2 991 957 414 000
21.00	3 141 555 284 700

ASTRONOMICAL UNIT		METER
22.00		3 291 153 155 400
23.00		3 440 751 026 100
24.00		3 590 348 896 800
25.00		3 739 946 767 500
26.00		3 889 544 638 200
27.00		4 039 142 508 900
28.00		4 188 740 379 600
29.00		4 338 338 250 300

Conversion table from astronomical unit to kilometer

ASTRONOMICAL UNIT	KILOMETER
0	0
1.000	149 597 871
2.000	299 195 741
3.000	448 793 612
4.000	598 391 483
5.000	747 989 354
6.000	897 587 224
7.000	1 047 185 095
8.000	1 196 782 966
9.000	1 346 380 836
10.00	1 495 978 707
11.00	1 645 576 578
12.00	1 795 174 448
13.00	1 944 772 319
14.00	2 094 370 190
15.00	2 243 968 061
16.00	2 393 565 931
17.00	2 543 163 802
18.00	2 692 761 673
19.00	2 842 359 543
20.00	2 991 957 414
21.00	3 141 555 285

ASTRONOMICAL UNIT	KILOMETER
22.00	3 291 153 155
23.00	3 440 751 026
24.00	3 590 348 897
25.00	3 739 946 768
26.00	3 889 544 638
27.00	4 039 142 509
28.00	4 188 740 380
29.00	4 338 338 250

Conversion table from astronomical unit to mile

ASTRONOMICAL UNIT	MILE
0	0
1.000	92 955 807
2.000	185 911 615
3.000	278 867 422
4.000	371 823 229
5.000	464 779 036
6.000	557 734 844
7.000	650 690 651
8.000	743 646 458
9.000	836 602 265
10.00	929 558 073
11.00	1 022 513 880
12.00	1 115 469 687
13.00	1 208 425 495
14.00	1 301 381 302
15.00	1 394 337 109
16.00	1 487 292 916
17.00	1 580 248 724
18.00	1 673 204 531
19.00	1 766 160 338
20.00	1 859 116 145
21.00	1 952 071 953

ASTRONOMICAL UNIT	MILE
22.00	2 045 027 760
23.00	2 137 983 567
24.00	2 230 939 375
25.00	2 323 895 182
26.00	2 416 850 989
27.00	2 509 806 796
28.00	2 602 762 604
29.00	2 695 718 411