

Length Conversion Table

Comprehensive Reference Guide

Convert between length and distance units - This table shows conversion factors between all length units.

How to use: Find your starting unit in the left column, then read across to find the conversion factor to your target unit.

From \ To	(mm) Millimeter	(cm) Centimeter	(m) Meter	(km) Kilometer	(in) Inch	(ft) Foot	(yd) Yard	(mi) Mile	(nmi) Nautical Mile
Millimeter (mm)	1	0.1000	1.0000e-3	1.0000e-6	0.0394	0.003281	0.001094	6.2137e-7	5.3996e-7
Centimeter (cm)	10.00	1	0.0100	1.0000e-5	0.3937	0.0328	0.0109	6.2137e-6	5.3996e-6
Meter (m)	1.0000e+3	100.0	1	1.0000e-3	39.37	3.281	1.094	6.2137e-4	5.3996e-4
Kilometer (km)	1.0000e+6	1.0000e+5	1.0000e+3	1	3.9370e+4	3.2808e+3	1.0936e+3	0.6214	0.5400
Inch (in)	25.40	2.540	0.0254	2.5400e-5	1	0.0833	0.0278	1.5783e-5	1.3715e-5
Foot (ft)	304.8	30.48	0.3048	3.0480e-4	12.00	1	0.3333	1.8939e-4	1.6458e-4
Yard (yd)	914.4	91.44	0.9144	9.1440e-4	36.00	3.000	1	5.6818e-4	4.9374e-4
Mile (mi)	1.6093e+6	1.6093e+5	1.6093e+3	1.609	6.3360e+4	5.2800e+3	1.7600e+3	1	0.8690
Nautical Mile (nmi)	1.8520e+6	1.8520e+5	1.8520e+3	1.852	7.2913e+4	6.0761e+3	2.0254e+3	1.151	1

Quick Reference - Common Conversions

- 1 Millimeter = 0.1000 Centimeters
- 1 Centimeter = 10.0000 Millimeters
- 1 Meter = 1000.0000 Millimeters
- 1 Kilometer = 1000000.0000 Millimeters
- 1 Inch = 25.4000 Millimeters
- 1 Foot = 304.8000 Millimeters