

# Length Conversion Chart

Units of Length	Centimeter	Kilometer	Meter	Millimeter	Micrometer	Nanometer	Yard	Mile	Feet	Inch	Nautical Mile
1 Centimeter	1	1e-5	1e-2	1e+1	1e+4	1e+7	0.011	6.214e-6	3.281e-2	3.937e-1	5.400e-6
1 Kilometer	1e+5	1	1e+3	1e+6	1e+9	1e+12	1.094e+3	6.214e-1	3.281e+3	3.937e+4	5.400e-1
1 Meter	100	1e-3	1	1e+3	1e+6	1e+9	1.094	6.214e-4	3.281	39.37	5.399e-4
1 Millimeter	0.1	1e-6	1e-3	1	1e+3	1e+6	1.094e-3	6.214e-7	3.281e-3	0.03937	5.399e-7
1 Micrometer	1e-4	1e-9	1e-6	1e-3	1	1e+3	1.0936e-6	6.2137e-10	3.2808e-6	3.937e-5	5.39e-10
1 Nanometer	1.0e-7	1.0e-12	1.0e-9	1.0e-6	1.0e-3	1	1.094e-9	6.214e-13	3.281e-9	3.937e-8	5.4e-13
1 Yard	91.44	9.144e-4	0.9144	914.4	9.144e+5	9.144e+8	1	5.682e-4	3	36	4.937e-4
1 Mile	1.609e+5	1.609	1.609e+3	1.609e+6	1.609e+9	1.609e+12	1.760e+3	1	5.280e+3	6.33e+4	0.869
1 Feet	30.48	3.048e-4	0.3048	304.8	3.048e+5	3.048e+8	0.3333	1.8939e-4	1	12	1.645e-4
1 Inch	2.54	2.54e-5	0.0254	25.4	2.54e+4	2.54e+7	2.7778e-2	1.5783e-5	8.3333e-2	1	1.3715e-5
1 Nautical Mile	1.852e+5	1.852	1.852e+3	1.852e+6	1.852e+9	1.852e+12	2.025e+3	1.151	6.076e+3	7.291e+4	1