



Conversion Table: Length / Distance

Unit Name	Relation to: meter [m]
ångström [Å]	1E-10 [m]
arm length	0.7 [m]
arpent length [Canada]	58.5216 [m]
astronomical unit [AU]	1.495979E+11 [m]
big point [bp][Adobe]	3.527778E-4 [m]
cable length [UK imperial]	185.3184 [m]
cable length [international]	185.2 [m]
cable length [US]	219.456 [m]
caliber	2.54E-4 [m]
chain [ch][Engineer, Ramsden's chain]	30.48 [m]
chain [ch][metric]	20 [m]
chain [ch][Survey, Gunter's chain]	20.1168 [m]
chi [China]	0.35814 [m]
click [US military]	1000 [m]
cubit	0.4572 [m]
didot point [Adobe]	3.527778E-4 [m]
didot point [Europe]	3.77E-4 [m]
digit [Europe]	0.019 [m]
douzième	1.88E-4 [m]
ell [ell][English]	1.143 [m]
em	3.527337E-4 [m]
fall [English]	6.858 [m]
fall [Scotland]	5.67 [m]
fathom [fth]	1.8288 [m]
fermi [fm]	1E-15 [m]
finger	0.022225 [m]
finger [cloth]	0.1143 [m]
fist	0.1 [m]
fod [Danish]	0.3141 [m]
foot [ft][international]	0.3048 [m]
foot [ft][US, survey]	0.304800609601219 [m]
football field [Canada]	100.584 [m]
football field [US]	91.44 [m]
furlong [fur]	201.168 [m]



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gauge [standard]	1.435 [m]
goad	1.3716 [m]
hand	0.1016 [m]
heer [cloth]	73.152 [m]
inch [in][international]	0.0254 [m]
inch [in][US, survey]	0.025400051 [m]
klafter	1.8288 [m]
lap [international]	400 [m]
league [lea]	4828.032 [m]
li	500 [m]
light-second	2.997925E+8 [m]
light-year [l.y.]	9.46073E+15 [m]
ligne [French]	0.002255833333333333 [m]
ligne [Swiss]	0.002256 [m]
line	0.002116666666666667 [m]
linear foot [=foot]	0.3048 [m]
linear inch [=inch]	0.0254 [m]
linear meter [=meter]	1 [m]
linear yard [=yard]	0.9144 [m]
link [Gunter's, Surveyor's]	0.201168 [m]
link [Ramsden's, Engineer's]	0.3048 [m]
marathon	4.2195E+4 [m]
marathon [actual distance]	36.75 [m]
meile [Germany]	7532.5 [m]
meter [m]	1 [m]
millimeter [mm]	0.001 [m]
centimeter [cm]	0.01 [m]
kilometer [km]	1000 [m]
metre [m]	1 [m]
micron	1E-6 [m]
mil	2.54E-5 [m]
mile [mi][international]	1609.344 [m]
mile [mi][international nautical]	1852 [m]
mile [mi][UK nautical]	1853.184 [m]
mile [mi][US nautical]	1853.24866649733 [m]
mile [mi][US survey]	1609.34721869444 [m]
mile [Admiralty nautical]	1853.184 [m]
mile [Danish]	7532 [m]



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mile [data]	1828.8 [m]
mile [Irish]	2048.256 [m]
mile [Scottish]	1807.3116 [m]
mile [Finnish]	1068.8 [m]
myriameter [mym]	10000 [m]
nail	0.05715 [m]
nanon	1E-9 [m]
pace [English]	1.524 [m]
pace [metric]	1.5 [m]
palm	0.0762 [m]
parsec [astronomy]	3.085674E+16 [m]
perch	5.0292 [m]
pica	0.00421751764217518 [m]
pie [Spain]	0.2786 [m]
point [Adobe]	3.527778E-4 [m]
point [English, US]	3.514598E-4 [m]
point [paper]	2.54E-5 [m]
point [metric]	3.75E-4 [m]
pouce [French]	0.02707 [m]
quadrant	1.000197E+7 [m]
quarter [horse racing]	402.336 [m]
ridge [Welsh]	6.1722 [m]
rod	5.0292 [m]
rood	3.7783 [m]
rope [rope]	6.096 [m]
sadzhen [Russia]	2.1336 [m]
span [cloth]	0.2286 [m]
tenth meter [Spain]	1E-10 [m]
thou	2.54E-5 [m]
toise [French1799]	1.949 [m]
toise [Switzerland]	1.8 [m]
twip [typographical]	1.763889E-5 [m]
yard [international]	0.9144 [m]
