

METRIC CONVERSION CHART

Standard Units Reference Guide

Length (Meter)

1 kilometer (km)	1000 m
1 hectometer (hm)	100 m
1 dekameter (dam)	10 m
1 decimeter (dm)	0.1 m
1 centimeter (cm)	0.01 m
1 millimeter (mm)	0.001 m

Weight (Gram)

1 kilogram (kg)	1000 g
1 hectogram (hg)	100 g
1 dekagram (dag)	10 g
1 decigram (dg)	0.1 g
1 centigram (cg)	0.01 g
1 milligram (mg)	0.001 g

Volume (Liter)

1 kiloliter (kL)	1000 L
1 hectoliter (hL)	100 L
1 dekaliter (daL)	10 L
1 deciliter (dL)	0.1 L
1 centiliter (cL)	0.01 L

1 milliliter (mL)

0.001 L

Temperature

From	To	Formula
Celsius	Kelvin	+ 273.15
Celsius	Fahr.	$(C \times \frac{9}{5}) + 32$

Common Multipliers

Prefix	Symbol	Power	Decimal Value
Giga	G	10^9	1,000,000,000
Mega	M	10^6	1,000,000
Kilo	k	10^3	1,000
Base	-	10^0	1
Milli	m	10^{-3}	0.001
Micro	μ	10^{-6}	0.000001
Nano	n	10^{-9}	0.000000001