OneEquals

Metric Conversion Chart

US ↔ metric for length, weight, volume, area and temperature, plus metric prefixes

LENGTH

US / metric	Equals
1 in	2.54 cm
1 in	25.4 mm
1 ft	30.48 cm
1 ft	0.3048 m
1 yd	0.9144 m
1 mi	1.6093 km
1 cm	0.3937 in
1 m	3.2808 ft
1 m	1.0936 yd
1 km	0.62137 mi

WEIGHT

US / metric	Equals
1 oz	28.35 g
1 lb	453.59 g
1 lb	0.45359 kg
1 st	6.3503 kg
1 ton	0.90718 t
1 g	0.035274 oz
1 kg	2.2046 lb
1 t	1.1023 ton

VOLUME

US / metric	Equals
1 tsp	4.9289 mL
1 tbsp	14.787 mL
1 fl oz	29.574 mL
1 cup	236.59 mL
1 pt	473.18 mL
1 qt	0.94635 L
1 gal	3.7854 L
1 mL	0.033814 fl oz
1 L	33.814 fl oz
1 L	0.26417 gal

AREA

US / metric	Equals
1 sq in	6.4516 cm²
1 sq ft	0.092903 m²
1 sq yd	0.83613 m²
1 ac	0.40469 ha
1 sq mi	2.59 km²
1 m²	10.764 sq ft
1 ha	2.4711 ac
1 km²	0.3861 sq mi

TEMPERATURE

°C	°F
-40	-40
-18	-0.4
0	32
10	50
20	68
25	77
30	86
37	98.6
40	104
100	212
180	356
200	392

METRIC PREFIXES

Prefix	Multiply by
kilo (k)	1,000
hecto (h)	100
deca (da)	10
— (base unit)	1
deci (d)	0.1
centi (c)	0.01
milli (m)	0.001
micro (μ)	0.000001