

Metric – Imperial Conversion Cheat Sheet

Unit Conversion Cheat Sheet between Metric and Imperial Units

Length

Metric to Imperial	Imperial to Metric
1 mm = 0.03937 in	1 in = 2.54 cm
1 cm = 0.3937 in	1 ft = 0.3048 m
1 m = 3.28084 ft (~ 3'4")	1 yd = 0.9144 m
1 km = 0.621371 mi	1 mi = 1.60934 km

Mass / Weight

Metric to Imperial	Imperial to Metric
1 g = 0.035274 oz	1 oz = 28.3495 g
1 kg = 2.20462 lb	1 lb = 0.453592 kg
1 t (metric ton) = 2204.62 lb	1 stone (st) = 6.35029 kg

Volume

Metric to Imperial (US)	Imperial (US) to Metric
1 mL = 0.033814 fl oz	1 fl oz = 29.5735 mL
1 dL = 0.33814 fl oz	1 cup = 236.588 mL
1 L = 1.05669 qt	1 pint = 473.176 mL
1 L = 0.264172 gal	1 quart = 0.946353 L
	1 gallon = 3.78541 L

Area

Metric to Imperial	Imperial to Metric
1 m ² = 10.7639 ft ²	1 ft ² = 0.092903 m ²
1 hectare (ha) = 2.47105 acres	1 acre = 4046.86 m ²
1 km ² = 0.386102 mi ²	1 mi ² = 2.58999 km ²

Temperature

Celsius	Fahrenheit	Fahrenheit	Celsius
-40 °C	-40 °F	0 °F	-17.78 °C
-10 °C	14 °F	50 °F	10 °C
0 °C	32 °F	70 °F	21.11 °C
20 °C	68 °F	90 °F	32.22 °C
100 °C	212 °F	110 °F	43.33 °C

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$$

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$$