

# METRIC CONVERSION FORMULAS

To Convert	Multiply by
Inches (in) to Centimeters (cm)	2.54
Centimeters to Inches	0.393701
Feet (ft) to Meters (m)	0.3048
Meters to Feet	3.2808
Yards (yd) to Meters (m)	0.9144
Meters to Yards	1.09361
Miles (mi) to Kilometers (km)	1.60934
Kilometers to Miles	0.621371
Square Inches (in <sup>2</sup> ) to Square Cm (cm <sup>2</sup> )	6.4516
Sq Cm to Sq Inches	0.155
Sq Meters (m <sup>2</sup> ) to Sq Feet (ft <sup>2</sup> )	10.7639
Sq Feet to Sq Meters	0.092903
Sq Yards (yd <sup>2</sup> ) to Sq Meters (m <sup>2</sup> )	0.836127
Sq Meters to Sq Yards	1.19599
Sq Miles (mi <sup>2</sup> ) to Sq Kilometers (km <sup>2</sup> )	2.58999
Sq Kilometers to Sq Miles	0.386103
Acres to Hectares (ha)	0.404678
Hectares to Acres	2.47101
Cubic Inches (in <sup>3</sup> ) to Cubic Cm (cm <sup>3</sup> )	16.3871
Cu Cm to Cu Inches	0.0610237
Cu Feet (ft <sup>3</sup> ) to Cu Meters (m <sup>3</sup> )	0.0283168
Cu Meters to Cu Feet	35.3147
Cu Yards (yd <sup>3</sup> ) to Cu Meters (m <sup>3</sup> )	0.764555
Cu Meters to Cu Yards	1.30795
Cu Inches (in <sup>3</sup> ) to Liters (l)	0.016387
Liters to Cu Inches	61.024
Gallons (gal) to Liters	4.546
Liters to Gallons	0.22
Ounces (oz) to Grams (g)	28.3495
Grams to Ounces	0.035274
Pounds (lb) to Grams (g)	453.592
Grams to Pounds	0.00220462
Pounds (lb) to Kilograms (kg)	0.4536
Kilograms to Pounds	2.20462
Tons (t) to Kilograms	1016.05
Kilograms to Tons	0.0009842
Celsius (°C) = (Fahrenheit - 32) x 0.555	
Fahrenheit (°F) = (Celsius x 1.8) + 32	