

METRIC TO ENGLISH

Convert From	To	Multiply by
Centimeters (cm)	Inches (in)	0.3937
Centimeters (cm)	Feet (ft)	0.0328
Meters (m)	Inches (in)	39.3700
Meters (m)	Yards (yd)	1.0936
Millimeters (mm)	Inches (in)	0.0394
Sq. Centimeters (cm ²)	Sq. Inches (in ²)	0.1550
Sq. Centimeters (cm ²)	Sq. Feet (ft ²)	0.1100
Sq. Millimeters (mm ²)	Sq. Inches (in ²)	0.0016
Sq. Meters (m ²)	Sq. Feet (ft ²)	10.7600
Sq. Meters (m ²)	Sq. Yards (yd ²)	1.1960
Cubic Centimeters (cc or cm ³)	Cubic Inches (in ³)	0.0610
Cubic Centimeters (cc or cm ³)	Cubic Feet (ft ³)	3.5315×10^{-5}
Grams (g)	Ounces (oz)	0.0353
Kilograms (kg)	Pounds (lb)	2.2046
Liters (l)	Gallons (g)	0.2642
Grams/Cubic Centimeter (g/cm ³)	Pounds/Cubic inch (lb/in ³)	0.0361
Grams/Sq. Meter (g/m ²)	Ounces/Sq. Yard (oz/yd ²)	0.02949
Megapascals (MPa)	Pounds/Sq. Inch (psi)	145.0500
Megapascals (MPa)	Kilopounds/Sq. Inch (ksi)	0.1451
Gigapascals (GPa)	Megapounds/Sq. Inch (Msi)	0.1451
Kilograms/Sq. Millimeter (kg/mm ²)	Kilopounds/Sq. Inch (ksi)	1.4300
Celsius (°C)	Fahrenheit (°F)	(°C x 1.8) + 32

ENGLISH TO METRIC CONVERSION

Convert From	To	Multiply by
Inches (in)	Millimeters (mm)	25.400
Inches (in)	Centimeters (cm)	2.5400
Inches (in)	Meters (m)	0.0254
Feet (ft)	Centimeters (cm)	30.4800
Feet (ft)	Meters (m)	0.3048
Yards (yd)	Centimeters (cm)	91.4400
Yards (yd)	Meters (m)	0.9144
Sq. Inches (in ²)	Sq. Centimeters (cm ²)	0.6452
Sq. Inches (in ²)	Sq. Meters (m ²)	6.4516 x 10 ⁻⁴
Sq. Feet (ft ²)	Sq. Centimeters (cm ²)	929.0304
Sq. Feet (ft ²)	Sq. Meters (m ²)	0.0929
Sq. Yards (yd ²)	Sq. Meters (m ²)	0.8361
Cubic Inches (in ³)	Cubic Centimeters (cc or cm ³)	16.3870
Cubic Feet (ft ³)	Cubic Centimeters (cc or cm ³)	2.8317 x 10 ⁴
Cubic Feet (ft ³)	Cubic Meters (m ³)	0.2832
Cubic Yards (yd ³)	Cubic Meters (m ³)	0.7646
Ounces (oz)	Grams (g)	28.3500
Pounds (lb)	Kilograms (kg)	0.4536
Gallons (g)	Liters (l)	3.7854
Ounces/Sq. Yard (oz/yd ²)	Grams/Sq. Meter (g/m ²)	33.9057
Pounds/Cubic inch (lb/in ³)	Grams/Cubic Centimeter (g/cm ³)	27.6799
Pounds/Sq. Inch (psi)	Megapascals (MPa)	0.6894 x 10 ⁻²
Kilopounds/Sq. Inch (ksi)	Megapascals (MPa)	6.8940
Megapounds/Sq. Inch (Msi)	Gigapascals (GPa)	6.8940
Kilopounds/Sq. Inch (ksi)	Kilograms/Sq. Millimeter (kg/mm ²)	0.689
Fahrenheit (°F)	Celsius (°C)	(°F-32)(0.5556)