

Table A-1. Metric Conversion Chart

US Units	Multiplied By	Equals Metric Units	Metric Units	Multiplied By	Equals US Units
Length					
Inches	2.5400	Centimeters	Centimeters	0.39370	Inches
Inches	25.4001	Millimeters	Millimeters	0.03937	Inches
Feet	0.3048	Meters	Meters	3.28080	Feet
Feet per second	0.3050	Meter per second	Meter per second	3.28100	Feet per second
Miles	1.6093	Kilometers	Kilometers	0.62140	Miles
Area					
Pounds per square inch	0.0700	Kilogram per square centimeter	Kilogram per square centimeter	14.22300	Pounds per square inch
Square inches	6.4516	Square centimeter	Square centimeter	0.15500	Square inches
Square feet	0.0929	Square meter	Square meter	10.76400	Square feet
Cubic feet	0.0283	Cubic meter	Cubic meter	35.31440	Cubic feet
Cubic inches	16.3900	Cubic centimeters	Cubic centimeters	0.06102	Cubic inches
Volume					
Gallons	3.7854	Liters	Liters	0.26420	Gallons
Mass (Weight)					
Pounds	0.4536	Kilograms	Kilograms	2.20460	Pounds