

Metric Conversion Chart and Table

Length

1 centimeter (cm)	=10 millimeters (mm)
1 inch	=2.54 centimeters (cm)
1 foot	=0.3048 meters (m)
1 foot	=12 inches
1 yard	=3 feet
1 meter (m)	=100 centimeters (cm)
1 meter (m)	≈3.280839895 feet
1 furlong	=660 feet
1 kilometer (km)	=1000 meters (m)
1 kilometer (km)	≈0.62137119 miles
1 mile	=5280 ft
1 mile	=1.609344 kilometers (km)
1 nautical mile	=1.852 kilometers (km)

Area

1 square foot	=144 square inches
1 square foot	=929.0304 square centimeters
1 square yard	=9 square feet
1 square meter	≈10.7639104 square feet
1 acre	=43,560 square feet
1 hectare	=10,000 square meters
1 hectare	≈2.4710538 acres
1 square kilometer	=100 hectares
1 square mile	≈2.58998811 square kilometers
1 square mile	=640 acres

Speed

1 mile per hour (mph)	≈1.46666667 feet per second (fps)
1 mile per hour (mph)	=1.609344 kilometers per hour
1 knot	≈1.150779448 miles per hour
1 foot per second	≈0.68181818 miles per hour (mph)
1 kilometer per hour	≈0.62137119 miles per hour (mph)

Volume

1 US tablespoon	=3 US teaspoons
1 US fluid ounce	≈29.57353 milliliters (ml)
1 US cup	=16 US tablespoons
1 US cup	=8 US fluid ounces
1 US pint	=2 US cups
1 US pint	=16 US fluid ounces
1 liter (l)	≈33.8140227 US fluid ounces
1 liter (l)	=1000 milliliters (ml)
1 US quart	=2 US pints
1 US gallon	=4 US quarts
1 US gallon	=3.78541178 liters

Weight

1 milligram (mg)	=0.001 grams (g)
1 gram (g)	=0.001 kilograms (kg)
1 gram (g)	≈0.035273962 ounces
1 ounce	=28.34952312 grams (g)
1 ounce	=0.0625 pounds
1 pound (lb)	=16 ounces
1 pound (lb)	=0.45359237 kilograms (kg)
1 kilogram (kg)	=1000 grams
1 kilogram (kg)	≈35.273962 ounces
1 kilogram (kg)	≈2.20462262 pounds (lb)
1 stone	=14 pounds
1 short ton	=2000 pounds
1 metric ton	=1000 kilograms (kg)

Temperature

