

# Metric Conversion Chart and Table

## Length

1 centimeter (cm)	=	10 millimeters (mm)
1 inch	=	2.54 centimeters (cm)
1 foot	=	0.305 meters (m)
1 foot	=	12 inches
1 yard	=	3 feet
1 meter (m)	=	100 centimeters (cm)
1 meter (m)	≈	3.281 feet
1 furlong	=	660 feet
1 kilometer (km)	=	1000 meters (m)
1 kilometer (km)	≈	0.62137119 miles
1 mile	=	5280 ft
1 mile	=	1.61 kilometers (km)
1 nautical mile	=	1.85 kilometers (km)

## Area

1 square foot	=	144 square inches
1 square foot	=	929.03 square centimeters
1 square yard	=	9 square feet
1 square meter	≈	10.76104 square feet
1 acre	=	43,560 square feet
1 hectare	=	10,000 square meters
1 hectare	≈	2.47 acres
1 square kilometer	=	100 hectares
1 square mile	≈	2.59 square kilometers
1 square mile	=	640 acres

## Speed

1 mile per hour (mph)	≈	1.467 feet per second (fps)
1 mile per hour (mph)	=	1.61 kilometers per hour
1 knot	≈	1.15 miles per hour
1 foot per second	≈	0.68 miles per hour (mph)
1 kilometer per hour	≈	0.62 miles per hour (mph)

## Volume

1 US tablespoon	=	3 US teaspoons
1 US fluid ounce	≈	29.57 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)	≈	33.81 US fluid ounces
1 liter (l)	=	1000 milliliters (ml)
1 US quart	=	2 US pints
1 US gallon	=	4 US quarts
1 US gallon	=	3.785 liters

## Weight

1 milligram (mg)	=	0.001 grams (g)
1 gram (g)	=	0.001 kilograms (kg)
1 gram (g)	≈	0.035 ounces
1 ounce	=	28.3 grams (g)
1 ounce	=	0.0625 pounds
1 pound (lb)	=	16 ounces
1 pound (lb)	=	0.45 kilograms (kg)
1 kilogram (kg)	=	1000 grams
1 kilogram (kg)	≈	35.27 ounces
1 kilogram (kg)	≈	2.2 pounds (lb)
1 stone	=	14 pounds
1 short ton	=	2000 pounds
1 metric ton	=	1000 kilograms (kg)

## Temperature

