

METRIC CONVERSION TABLES

THE UNITS OF LENGTH					
METRIC			IMPERIAL (US)		
1000 microns	=	1 millimeter	1000 mils	=	1 inch
10 millimeters	=	1 centimeter	12 inches	=	1 foot
10 centimeters	=	1 decimeter	3 feet	=	1 yard
10 decimeters	=	1 meter	22 yards	=	1 chain
10 meters	=	1 decameter	10 chains	=	1 furlong
1000 meters	=	1 kilometer	8 furlongs (5280 feet)	=	1 mile
LENGTH CONVERSION TABLE					
IMPERIAL (US) TO METRIC			METRIC TO IMPERIAL (US)		
1 mil	=	0.0254 mm	1 millimeter	≈	39.4 mils
1 inch	=	25.4 millimeters	1 centimeter	≈	0.39 inches
1 foot	=	30.48 centimeters	1 meter	≈	3.28 feet
1 yard	≈	0.914 meters	1 meter	≈	1 yard
1 mile	≈	1.609 kilometers	1 kilometer	≈	0.621 miles

THE UNITS OF CAPACITY (VOLUME)					
METRIC			ENGLISH (US)		
1 cubic centimeter	=	1 milliliter	3 teaspoons	=	1 tablespoon
1000 milliliters	=	1 liter	2 tablespoons	=	1 fluid ounce
1000 liters	=	1 cubic meter	4 fluid ounces	=	1 cup
			2 cups	=	1 pint
			2 pints (8 fl.ounces)	=	1 quart
			4 quarts	=	1 gallon
CAPACITY (VOLUME) CONVERSION TABLE					
ENGLISH (US) TO METRIC			METRIC TO ENGLISH (US)		
1 teaspoon (US)	≈	4.93 milliliters	1 milliliter	≈	1/5 teaspoons (US)
1 tablespoon (US)	≈	14.79 milliliters	1 liter	≈	1.06 quarts (US)
1 fluid ounce (US)	≈	29.57 milliliters	1 cubic meter	≈	1.31 cubic yards (264.2 gallons)
1 quart (US)	≈	0.95 liters			
1 gallon (US)	≈	3.79 liters			

THE UNITS OF WEIGHT					
METRIC			IMPERIAL (US)		
1000 milligrams	=	1 gram	16 ounces	=	1 pound
1000 grams	=	1 kilogram	100 pounds	=	1 hundredweight
1000 kilogram	=	1 ton	2000 pounds	=	1 ton (US)
WEIGHT CONVERSION TABLE					
IMPERIAL (US) TO METRIC			METRIC TO IMPERIAL (US)		
1 ounce	≈	28.35 grams	1 gram	≈	0.035 ounces
1 pound	≈	453.6 grams	1 kilogram	≈	2.21 pounds
1 US ton	≈	907.2 kilogram	1 ton	≈	1.10 US tons

THE UNITS OF AREA					
METRIC			ENGLISH (US)		
100 sq. millimeters	=	1 square centimeter	144 sq. inches	=	1 square foot
10,000 square cm	=	1 square meter	9 square feet	=	1 square yard
10,000 square meters	=	1 hectare	4840 sq. yards	=	1 acre
100 hectares	=	1 square kilometer	640 acres	=	1 square mile
AREA CONVERSION TABLE					
ENGLISH (US) TO METRIC			METRIC TO ENGLISH (US)		
1 square inch	≈	6.45 sq. centimeters	1 square centimeter	≈	0.155 sq. inches
1 square foot	≈	0.09 square meters	1 square meter	≈	1.20 square yards
1 square yard	≈	0.84 square meters	1 cubic meter	≈	1.31 cubic yards (264.2 gallons)
1 acre	≈	0.40 hectare	1 hectare	≈	2.47 acres
1 square mile	≈	2.59 sq. kilometers	1 square kilometer	≈	0.39 square miles

For javascript units calculators see: [Online metric converter](#)

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