

Unit Conversion Table

Within the English System:

12.0 inches = 1.00 foot

3.00 feet = 1.00 yard

5280 ft = 1.000 mile

1.00 cubic foot = 7.48 gallons

1.00 million gallons = 1.34×10^5 ft³

Within the Metric System:

1000. meters = 1.000 kilometer

1.000 milligram = 1.000 gram

1.000 gram of water = 1.000 milliliter

1000. milliliter = 1.000 liter

Between Metric and English:

1.00 inch = 2.54 centimeters

1.00 foot = 0.304 meters

1.000 mile = 1.609 kilometers

1.000 mile = 1609 meters

1.00 gallon = 3.79 liters

1.00 gallon = 3.79×10^{-3} m³

1.00 cubic foot = 28.3 liters

1.00 cubic foot = 2.83×10^{-2} m³

1.00 pound = 0.454 kilograms

1.00 pound = 454 grams

$F = 1.80 C + 32$

$C = 0.556 (F - 32)$