

CONVERSION FACTORS¹

<p>Acre = 0.4047 hectare = 43,560 sq. ft. = 4046.9 sq. meter</p> <p>Ångstrom = Å = 0.001 micron (mu or μ)</p> <p>Atmosphere pressure = 760 mm. Hg = 29.92 in. Hg = 10.33 meters water = 33.9 ft. water = 1033.3 gm./sq. cm. = 14.7 lb./sq. in. = 2116.3 lb./sq. ft.</p> <p>Barrel = 31.5 gal. = 126 qt. = 119 liter</p> <p>Bushel = 32 qt. = 77.7 lb. water = 35.2 kg. water</p> <p>Can: #1 tall = 1 lb. #2 = 1 lb. 4 oz. #2½ = 1 lb. 12 oz. #3 = 2 lb. 2 oz. #10 = 6 lb. 10 oz.</p> <p>Centimeter = 0.01 meter = 0.3937 in.</p> <p>Cm² = 0.155 sq. in.</p> <p>Cm³ = cc. = ml. = 0.061 cu. in. = 1 gm. water = 0.0353 oz. water = 15.432 grains water = 12 drops</p> <p>Cup = 0.5 pint = 16 tablespoons = 24 dessert spoons = 48 teaspoons</p> <p>Dessert spoon = ¾ tablespoon = 2 teaspoons = 120 drops</p> <p>Foot = 30.48 cm. = 0.3048 meter</p> <p>Ft² = 144 sq. in. = 929.0 sq. cm.</p>	<p>Ft³ = 7.4805 gal. = 29.922 qt. = 28.32 kg. water = 28.32 liter water = 62.43 lb. water = 999 oz. water</p> <p>Gallon = 4 quarts = 3.785 liters = 8.345 lb. water = 3.785 kg. water</p> <p>Gram = 0.035274 oz. = 0.002205 lb. = 15.432 grains</p> <p>Hectare = 2.471 acres = 10,000 sq. meters = 107,638.7 sq. ft.</p> <p>Inch = 2.54 cm. ⅞ in. = 2.54 mm.</p> <p>In² = 6.4516 cm.²</p> <p>In³ = 16.387 cm.³ = 0.0346 pt. = 0.0164 liters = 16.39 gm. water = 0.578 oz. water = 0.0361 lb. water = 252.89 grain water</p> <p>Kilogram = 2.205 lb. = 35.274 oz.</p> <p>Liter = 0.26418 gal. = 1.0567 qt. = 35.275 oz. water = 2.205 lb. water = 1 kg. water</p> <p>Meter = 3.2808 ft. = 39.37 in. = 1.0936 yd.</p> <p>M² = 1.2 sq. yd. = 10.764 sq. ft. = 1550 sq. in. = 10,000 sq. cm.</p> <p>M³ = 1000 liters = 1056.7 qt. = 35.31 cu. ft. = metric ton water = 2204.6 lb. water</p> <p>Microgram = mcg. = μg = γ = gamma = 0.001 mg.</p>	<p>Mile = 5,280 ft. = 1609.4 meters = 1.6094 km.</p> <p>Mile² = 640 acres = 2.59 sq. km.</p> <p>Milligram = 1000 mcg.</p> <p>Millimeter = 1000μ (or mu) = 10,000,000 Å</p> <p>Ounce = 28.3495 gm. = 0.0625 lb. = 437.5 grains</p> <p>Pint = 0.5 qt. = 473.18 cc. = 16.69 oz. water = 1.043 lb. water = 0.47318 kg. water = 2 cups = 32 tablespoons = 96 teaspoons</p> <p>Pound = 16 oz. = 453.6 gm. = 0.4536 kg.</p> <p>Quart = 2 pt. = 4 cups = 946.4 cc. = 64 tablespoons = 192 teaspoons = 33.38 oz. water = 2.086 lb. water = 0.946 kg. water</p> <p>Tablespoon = 0.0625 cup = 15 cc. = 1.5 dessert spoon = 3 teaspoons = 180 drops</p> <p>Teaspoon = ⅕ cc. = 0.02 cups = 60 drops</p> <p>Temperature conversion: $^{\circ}\text{C.} = \frac{^{\circ}\text{F.} - 32}{1.8}$ $^{\circ}\text{F.} = (^{\circ}\text{C.} \times 1.8) + 32$</p> <p>Ton: short ton = 2000 lb. long ton = 2240 lb. metric ton = 1000 kg. = 2204.6 lb.</p>
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¹ See pages 35 to 36 for energy, work and dietary units, and page 766 for vitamin units.