

CONVERSION TABLE

| UNIT | X | CONSTANT | = | UNIT | UNIT | X | CONSTANT | = | UNIT |
|-------------------------------------|---|--------------|---|--|--|---|-----------------|---|--|
| L x W x H ÷ 166 = Volume Weight | | | | | gallons (gal) | | 3.785411 | | liters (l) |
| British Thermal Unit (BTU) | | 778.0 | | foot-pound (ft-lb) | gallons (gal) | | 0.13368 | | cubic foot (ft ³) |
| British Thermal Unit (BTU) | | 1054.35 | | joules (j) | gallons (gal) | | 231.0 | | cubic inch (in ³) |
| British Thermal Unit (BTU) | | 0.293 | | watt-hours (w-hr) | gallons (gal) | | 3785.411 | | cubic centimeter (cm ³) |
| centimeters (cm) | | 0.032808 | | feet (ft) | grams (g) | | 15.432 | | grains |
| centimeters (cm) | | 0.3937 | | inches (in) | gram/centimeter ³ (gm/cm ³) | | 0.0361275 | | pounds/in ³ (lb/in ³) |
| centimeters (cm) | | 0.00001 | | kilometers (km) | horsepower (hp) | | 33013.26 | | ft-lb/min |
| centimeters (cm) | | 0.010 | | meters (m) | horsepower (hp) | | 550.0 | | ft-lb/sec |
| centimeters (cm) | | 10.0 | | millimeters (mm) | horsepower (hp) | | 745.7 | | watts (w) |
| circular mils (cmil) | | 0.00064516 | | circular millimeters | inch (in) | | 0.027178 | | yards (yd) |
| circular mils (cmil) | | 0.0000007854 | | inches ² (in ²) | inch (in) | | 0.083333 | | feet (ft) |
| circular mils (cmil) | | 0.00050671 | | square millimeters (mm ²) | inch (in) | | 0.00002540 | | kilometer (km) |
| circular mils (cmil) | | 0.7854 | | mils ² | inch (in) | | 0.025400 | | meter (m) |
| cubic centimeter (cm ³) | | 0.000035314 | | cubic foot (ft ³) | inch (in) | | 2.54000514 | | centimeter (cm) |
| cubic centimeter (cm ³) | | 0.061023 | | cubic inch (in ³) | inch (in) | | 25.4000514 | | millimeter (mm) |
| cubic centimeter (cm ³) | | 0.000001 | | cubic meter (m ³) | inch (in) | | 1000.0 | | mils |
| cubic centimeter (cm ³) | | 0.0026417 | | gallons (gal) | joules (j) | | 0.000948 | | British Thermal Unit (BTU) |
| cubic foot (ft ³) | | 1758.0 | | cubic in (in ³) | joules (j) | | 10 ⁷ | | ergs |
| cubic foot (ft ³) | | 28317.847 | | cubic centimeter (cm ³) | liters (l) | | 61.02374 | | cubic inch (in ³) |
| cubic inch (in ³) | | 0.00057870 | | cubic feet (ft ³) | meters (m) | | 1.093611 | | yard (yd) |
| cubic inch (in ³) | | 0.000016387 | | cubic meter (m ³) | meters (m) | | 3.2808333 | | feet (ft) |
| cubic inch (in ³) | | 16.387064 | | cubic centimeter (cm ³) | meters (m) | | 39.37 | | inch (in) |
| cubic meter (m ³) | | 1000000.0 | | centimeter (cm) | meters (m) | | 100.0 | | centimeter (cm) |
| cubic meter (m ³) | | 35.314666 | | cubic foot (ft ³) | miles (mi) | | 1760.0 | | yards (yd) |
| cubic meter (m ³) | | 264.17 | | gallons (gal) | miles (mi) | | 5280.0 | | feet (ft) |
| feet (ft) | | 0.00018939 | | miles (ml) | miles (mi) | | 1.6093 | | kilometer (km) |
| feet (ft) | | 0.33333 | | yards (yd) | millimeters (mm) | | 0.0032808 | | feet (ft) |
| feet (ft) | | 12 | | inches (in) | millimeters (mm) | | 0.03937 | | inch (in) |
| feet (ft) | | 0.00030480 | | kilometer (km) | millimeters (mm) | | 0.001 | | meters (m) |
| feet (ft) | | 0.30480 | | meters (m) | millimeters (mm) | | 0.01 | | centimeters (cm) |
| feet (ft) | | 30.480 | | centimeters (cm) | millimeters (mm) | | 39.3701 | | mils |
| feet (ft) | | 304.80 | | millimeters (mm) | millimeters (mm) | | 1000.0 | | microns (μ) |
| feet/pound (ft/lb) | | 0.00067197 | | meters/grams (m/g) | watts (w) | | 44.25 | | ft-lb/minute |
| feet/pound (ft/lb) | | 0.001285 | | British Thermal Unit (BTU) | watts (w) | | 0.737562 | | ft-lb/sec |
| feet/pound (ft/lb) | | 1.356 | | joules (j) | watts (w) | | 0.001341 | | horse power |
| feet/pound (ft/lb) | | 0.1383 | | kilogram/meter (kg/m) | watt-hours (w-hr) | | 3.414462 | | British Thermal Unit (BTU) |