

Conversion Factors for Weights and Measures

METRIC TO U.S.

GRAMS(g)	x	0.03527 = oz avdp
kilograms(kg)	x	2.20462 = lb advp
metric tons(MT)	x	1.10231 = tons (2,000 lb)

centimeters(cm)	x	0.3937 = in
meters(m)	x	3.280833 = in ft
kilometers(km)	x	0.621411 = miles

square centimeters(cm ²)	x	0.155 = in ²
square meters(m ²)	x	10.76387 = ft ²

cubic cm(cm ³)	x	0.06102 = in ³
cubic meters(m ³)	x	35.31445 = ft ³
cubic meters(m ³)	x	264.2 = gallons (U.S. liquid)
liters(l)	x	0.264 = gallons (U.S. liquid)

g/cm	x	0.0056 = lb/in
kg/m	x	0.67197 = lb/ft

kg/cm ²	x	14.2234 = psi
kg/m ²	x	0.20482 lb/ft

m-kg force	x	86.8055 = in - lb
m-kg force	x	7.23065 = ft - lb

[deg Celsius(C°)	x	1.8] + 32 = F
------------------	---	---------------