



To Convert From	To	Multiply By
angstrom units	centimeters	1 x 10 ⁻⁸
angstrom units	inches	3.937 x 10 ⁻⁹
angstrom units	microns	0.0001
atmospheres	dynes/cm ²	1.0133 x 10 ⁶
atmospheres	mm of mercury	760
btu (mean)	calories, gram (mean)	251.98
btu (mean)	foot-pounds	778.3
btu (mean)	joules (abs)	1054.8
calories, gram (mean)	btu (mean)	3.9685 x 10 ⁻³
calories, gram (mean)	foot-pounds	3.0883
candlepower (spherical)	lumens	12.566
centimeters	angstrom units	1 x 10 ⁸
centimeters	feet (U.S.)	0.0328
centimeters	inches (U.S.)	0.3937
centimeters	miles (U.S., statute)	6.2137 x 10 ⁻⁶
cm of mercury at 0C	atmospheres	0.0132
centimeters/second	feet/minute	1.9685
centimeters/second	miles/hour	0.0224
coulombs	Ab coulombs	0.1
cubic centimeters	cubic feet (U.S.)	3.5314 x 10 ⁻⁵
cubic centimeters	cubic inches (U.S.)	0.061
cubic centimeters	gallons (U.S.)	2.6417 x 10 ⁻⁴
cubic centimeters	milliliters	0.999972

cubic centimeters	ounces (U.S., fluid)	0.0338
cubic centimeters	pints (U.S., liquid)	0.0021
cubic centimeters	quarts (U.S., liquid)	0.0011
cubic feet (U.S.)	cubic centimeters	28316.847
cubic feet (U.S.)	liters	28.317
cubic feet (U.S.)	quarts (U.S., liquid)	29.922
cubic feet of water at 60F	pounds	62.37
cubic inches (U.S.)	cubic centimeters	16.3872
cubic inches (U.S.)	cubic feet (U.S.)	5.7870 x 10 ⁻⁴
cubic meters	cubic feet (U.S.)	35.3147
cubic meters	cubic inches (U.S.)	61023.74
degrees	circles	0.0028
drams (apothecaries' or troy)	drams (avoirdupois)	2.19429
drams (avoirdupois)	drams (apothecaries' or troy)	0.4557
drams (avoirdupois)	grains	27.34375
drams (avoirdupois)	grams	1.7718
drams (avoirdupois)	ounces (avoirdupois)	0.0625
drams (avoirdupois)	pounds (avoirdupois)	0.003906
drams (U.S., fluid)	cubic centimeters	3.6967
drams (U.S., fluid)	ounces (fluid)	0.125
feet (U.S., survey)	centimeters	30.4801
foot-pounds	btu (mean)	0.0012861
gallons (U.S.)	cubic centimeters	3785
gallons (U.S.)	cubic feet	0.1337
gallons (U.S.)	gallons (British)	0.8327
gallons (U.S.)	liters	3.78541

gallons (U.S.)	minims	61440
gallons (U.S.)	ounces (U.S., fluid)	128
gallons (U.S.) of water at 60F	pounds (avoirdupois) of water at 60F	8.347
grains	drams (avoirdupois)	0.03657
grains	grams	0.0648
grams	drams (avoirdupois)	0.5644
grams	grains	15.4324
grams	ounces (avoirdupois)	0.0353
grams	pounds (avoirdupois)	0.0022
horsepower	btu (mean)/hour	2546.4
horsepower	calories, kg (mean)/min.	10.688
horsepower	kilowatts	0.7457
inches (U.S.)	centimeters	2.54
inches (U.S.)	millimeters	25.4001
joules (abs)	calories, gram (mean)	0.2389
joules (abs)	ergs	1 x 10 ⁷
kilograms	pounds (avoirdupois)	2.2046
kilowatts (abs)	btu (mean)/hour	3409.52
liters	cubic centimeters	1000
liters	gallons (U.S.)	0.2642
liters	ounces (U.S., fluid)	33.814
liters	pints (U.S., liquid)	2.11337
meters	feet (U.S.)	3.2808
meters	inches (U.S.)	39.37
microns	centimeters	1 x 10 ⁻⁴
microns	inches	3.937 x 10 ⁻⁵
miles/hour	centimeters/second	44.704

miles/hour	feet/second	1.4667
milligrams	grains	0.01543
milligrams	ounces (avoirdupois)	3.5274 x 10 ⁻⁵
milligrams	pounds (avoirdupois)	2.20462 x 10 ⁻⁶
milliliters	cubic centimeters	1
milliliters	ounces (U.S., fluid)	0.0338
milliliters	pints (U.S., liquid)	0.00211
ounces (U.S., fluid)	gallons (U.S.)	7.812 x 10 ⁻³
ounces (U.S., fluid)	liters	0.0296
ounces (U.S., fluid)	milliliters	29.5727
pints (U.S., liquid)	cubic centimeters	473.176
pints (U.S., liquid)	cubic inches	28.875
pints (U.S., liquid)	liters	0.4732
pounds (avoirdupois)	grains	7000
pounds (avoirdupois)	grams	453.5924
pounds (avoirdupois)	pounds (troy)	1.2153
pounds of water at 39.2F	gallons (U.S.)	0.1198
quarts (U.S., liquid)	cubic centimeters	946.353
quarts (U.S., liquid)	liters	0.9464
square centimeters	square inches (U.S.)	0.155