WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
kilowatthour/gram	Btu/lb (thermo)	1.549×10^{5}
kilowatthour/gram	Btu (IST)/lb	1.548×10^{6}
	Btu (mean)/lb	1.5465×10^{6}
	calorie/gram (thermo)	860421
	calorie (mean)/gram	859184
	cu cm atm/gram	3.553×10^{7}
	cu ft atm/gram	1254.703
	hp hr/lb	608.28
	joule/gram	3.6×10^{6}
kip/sq in	atmosphere (std)	68.045964
	kg-force/sq cm	70.306958
	megapascal	6.8947573
knots (Int)	cm/sec	51.44
	foot/hr	6076.1
	foot/min	101.269
	foot/sec	1.688
	kilometer/hr	1.852
	meter/min	30.867
	meter/sec	0.5144
	mile (naut,Int)/hr	1
	mile/hr	1.1508
	yard/hour	2025.4
lambert	candle/sq cm	0.31831
	candle/sq ft	295.72
	candle/sq inch	2.0536
	foot lambert	929.03
	lumen/sq cm	1
lasts (UK)	liter (dry)	2909.4
lb	see pound	
league (naut, UK)	foot	18240
	kilometer	5.5595
	league (naut, Int)	1.0006
	league (US statute)	1.1515
	mile (US statute)	3.4545
league (naut, Int)	fathom (US Survey)	3038.05
	foot	18228
	kilometer	5.556
	league (US statute)	1.1508
	mile (US statute)	3.4523
league (US statute)	fathom (US Survey)	2640
	foot (US Survery)	15840
	kilometer	4.828
	league (naut, Int)	0.86898
	mile (naut, Int)	2.607
	mile (US statute)	3
light year	astronomical unit	63241.08
	kilometer	9.46073×10^{12}
	mile (US statute)	5.8786×10^{12}
	parsec	0.306601
line	maxwell	1
line (print)	centimeter	0.2117
	inch	0.0833
line/sq cm	gauss	1
	tesla	1×10^{-4}
line/sq inch	gauss	0.155
	tesla	1.55×10^{-5}
	weber/sq cm	1.55×10^{-9}
	weber/sq inch	1×10^{-8}
	weber/sq meter	1.55×10^{-5}
link (Gunter)	chain (Gunter)	0.01
	foot	0.6600013
	foot (US Survey)	0.66
	inch (US Survey)	7.92
	meter	0.2012
	mile (US statute)	0.000125
	rod (US Survey)	0.04
link (Ramden)	centimeter	30.48
	chain (Ramden)	0.01
	foot	1
	inch	12
liter	bushel (UK)	0.027496
	bushel (US, dry)	0.028376
	cu cm	1000
	cu foot	0.03531
	cu inch	61.0237
	cu meter	0.001
	cu yard	0.00131
	cup (US measuring)	4.2267
	dram (US, liq)	270.512
	gallon (UK)	0.21997
	gallon (US, dry)	0.22702
	gallon (US, liq)	0.26417
	gill (UK)	7.03902
	gill (US)	8.45351
	hogshead (US)	0.00419
	milliliter	1000
	minim (US)	16230.73
	ounce (UK, liq)	35.1951
	ounce (US, liq)	33.81402
	peck (UK)	0.10998
	peck (US)	0.11351
	pint (UK)	1.7598
	pint (US, dry)	1.8162
	pint (US, liq)	2.1134
	quart (UK)	0.8799
	quart (US, dry)	0.9081
	quart (US, liq)	1.0567
	shot (US, liq)	33.814
	tablespoon (US measure)	67.628
	teaspoon (US measure)	202.88

Convert From	Into	Multiply By
liter/min	cu ft/min	0.0353
liter/min	cu ft/sec	0.0005886
	gal (US, liq)/min	0.26417
	gal (US, liq)/sec	4.403×10^{-3}
liter/sec	cu ft/min	2.1189
	cu ft/sec	0.0353
	cu yard/min	0.07848
	gal (US, liq)/min	15.8503
	gal (US, liq)/sec	0.26417
liter atmosphere	Btu (thermo)	0.0961
	Btu (IST)	0.09604
	Btu (mean)	0.09596
	calorie (thermo)	24.2173
	calorie (IST)	24.2011
	calorie (mean)	24.1825
	cu ft atm	0.0353
	foot poundal	2404.5
	foot pound–force	74.733
	hp hour	3.774×10^{-6}
	joule	101.325
	joule (US Int)	101.31
	kg–force meter	10.33
	kilowatthour	2.815×10^{-5}
load (UK)	cu yard of alluvium	1
lumen	candela steradian	1
	candle power (spherical)	0.07958
	watt	0.0015
lumen/sq cm	lambert	1
	lux	1×10^{4}
	phot	1
lumen/sq ft	foot candle	1
	foot lambert	1
	lumen/sq meter	10.76391
	lux	10.76391
lumen/sq meter	foot candle	0.0929
	lumen/sq ft	0.0929
	phot	0.0001
	lux	1
lux	foot candle	0.0929
	lumen/sq meter	1
	phot	0.0001
magnum	bottle (wine, std)	2
	quart (US, liq)	1.585
maxwell	gauss sq cm	1
	line	1
	maxwell (Int)	0.99967
	volt second	1×10^{-8}
	weber	1×10^{-8}
maxwell (Int)	maxwell	1.00033
maxwell/sq cm	maxwell/sq in	6.4516
maxwell/sq in	maxwell/sq cm	0.155
megabyte	byte (computers)	1048576
meganewton	dyne	1×10^{11}
	pound–force	224808.9
	poundal	7.233014×10^{6}
	ton–force (short)	112.404
megapascal	atmosphere (std)	9.8692327
	kg-force/sq cm	10.197162
	pound-force/sq in	145.03774
megamho/cm	abmho/cm	0.001
	megamho/inch	2.54
	(microohm cm)$^{-1}$	1
megmho/inch	megamho/cm	0.3937
megaohm	microohm	1×10^{12}
	ohm	1×10^{6}
	statohm	1.1126×10^{-5}
meter	ångstrom	1×10^{10}
	centimeter	100
	chain (Gunter)	0.04971
	chain (Ramden)	0.03281
	fathom (US Survey)	0.54681
	foot	3.28084
	foot (US Survey)	3.28083
	furlong (US Survey)	0.00497
	inch	39.3701
	kilometer	0.001
	link (Gunter)	4.97096
	link (Ramden)	3.28084
	megameter	1×10^{-6}
	mile (UK, naut)	0.0005396
	mile (Int, naut)	0.00053996
	mile (US statute)	0.0006214
	millimeter	1000
	millimicron	1×10^{9}
	mil	39370.08
	rod (US Survey)	0.1988
	yard	1.0936
meter/hr	foot/hr	3.2808
	foot/min	0.05468
	knots (Int)	0.00054
	mile/hr	0.000621
meter/liter	mile/gal (US liq, Int)	0.00235
meter/min	cm/sec	1.66667
	foot/min	3.2808
	foot/sec	0.05468
	kilometer/hr	0.06
	knot (Int)	0.032397
	mile/hr	0.03728
meter/sec	foot/min	196.85
	foot/sec	3.2808