WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
	horsepower	3.0303×10^{-5}
	horsepower (metric)	3.0723×10^{-5}
	joule/sec	0.0226
	joule (Int)/sec	0.02259
	kilowatt	2.2597×10^{-5}
	watt	0.022597
foot pound–force/lb	Btu/lb (thermo)	0.001286
	Btu (IST)/lb	0.001285
	Btu (mean)/lb	0.001284
	calorie/gram (thermo)	0.00071441
	calorie (IST)/gram	0.00071392
	calorie (mean)/gram	0.00071337
	hp–hr/lb	5.0505×10^{-7}
	joule/gram	0.002989
	kg–force meter/gram	0.0003
	kilowatthour/gram	8.303×10^{-05}
foot pound–force/sec	Btu/hour (IST)	4.6262
	Btu/min (IST)	0.077104
	Btu (mean)/min	0.077045
	Btu/sec (thermo)	0.001286
	Btu (mean)/sec	0.001284
	calorie/sec (thermo)	0.32405
	calorie (mean)/sec	0.32358
	calorie, kg/min	0.019443
	erg/sec	1.3558×10^{7}
	gram–force cm/sec	13825.5
	horsepower	0.001818
	joule/sec	1.3558
	kilowatt	0.001356
	watt	1.3558
	watt (Int)	1.3556
furlong (US Survey)	centimeter	20116.8
	chain (Gunter)	10
	chain (Ramden)	6.6
	foot (US Survey)	660
	inch (US Survey)	7920
	meter	201.17
	mile (naut,Int)	0.1086
	mile (US statute)	0.125
	rod (US Survey)	40
	yard (US Survey)	220
gallon (UK)	barrel (UK)	0.02778
	bushel (UK)	0.125
	cu centimeter	4546.09
	cu foot	0.1605
	cu inch	277.419
	drachm (UK, liq)	1280
	firkin (UK)	0.1111
	gallon (US, liq)	1.2009
	gill (UK)	32
	liter	4.546
	minim (UK)	76800
	ounce (UK, liq)	160
	ounce (US, liq)	153.722
	peck (UK)	0.5
	lbs of H_2O @ 62°F	10.0092
gallon (US, dry)	barrel (US, dry)	0.038096
	barrel (US, liq)	0.036941
	bushel (US, dry)	0.125
	cu centimeter	4404.88
	cu foot	0.15556
	cu inch	268.8
	cu meter	0.004405
	gallon (US, liq)	1.163647
	liter	4.4049
gallon (US, liq)	acre foot	3.0689×10^{-6}
	barrel (US, liq)	0.031746
	barrel (US oil)	0.0238095
	bushel (US, dry)	0.10742
	cu centimeter	3785.41
	cu foot	0.13368
	cu inch	231
	cu meter	0.003785
	cu yard	0.00495
	cup (US measuring)	16
	gallon (UK)	0.83267
	gallon (US, dry)	0.85937
	gill (US)	32
	liter	3.7854
	minim (US)	61440
	ounce (US, liq)	128
	pint (US, liq)	8
	quart (US, liq)	4
	Winchester wine gallon	1
gallon (US)H_2O @4°C	lb of H_2O	8.345171
gallon (US)H_2O@60°F	lb of H_2O	8.337172
gallon (US)/day	cu foot/hr	0.00557
gallon (UK)/hour	cu meter/min	7.5768×10^{-4}
gallon (US)/hour	acre foot/hr	3.0689×10^{-6}
	cu foot/hr	0.13368
	cu meter/min	6.309×10^{-5}
	cu yard/min	8.2519×10^{-4}
	liter/hr	3.7854
gallon (US)/min	liter/sec	0.06309
	cu foot/sec	2.228×10^{-3}
	cu foot/hour	8.0208
	cu meter/min	0.003786
gallon (UK)/sec	cu cm/sec	4546.09
gallon (US)/sec	cu cm/sec	3785.4
	cu foot/min	8.0208
	cu yard/min	0.29707
	liter/min	227.124

Convert From	Into	Multiply By
gamma	gauss	1×10^{-5}
	gram	1×10^{-6}
	microgram	1
	tesla	1×10^{-9}
gauss	gauss (Int)	0.9997
	gamma	1×10^{5}
	gilbert/cm	1
	maxwell/sq cm	1
	line/sq cm	1
	line/sq inch	6.4516
	tesla	1×10^{-4}
	weber/sq cm	1×10^{-8}
	weber/sq inch	6.452×10^{-8}
	weber/sq meter	1×10^{-4}
gauss (Int)	gauss	1.00033
geepound	slug	1
	kilogram	14.594
	pound–force sq sec/ft	1
	pound	32.174
gigameter	meter	1×10^{9}
gilbert	abampere turn	0.07958
	ampere turn	0.79577
	gilbert (Int)	1.00016
gilbert (Int)	gilbert	0.99983
gilbert/cm	ampère turn/cm	0.79577
	ampere turn/in	2.02127
	ampere turn/meter	79.58
	oersted	1
	tesla	1×10^{-4}
gilbert/maxwell	ampere turn/weber	7.958×10^{7}
gill (UK)	cu centimeter	142.065
	gallon (UK)	0.03125
	gill (US)	1.20095
	liter	0.142
	ounce (UK, liq)	5
	ounce (US, liq)	4.8038
	pint (UK)	0.25
gill (US)	cu centimeter	118.29
	cu inch	7.2188
	dram (US, liq)	32
	gallon (US, liq)	0.03125
	gill (UK)	0.8327
	liter	0.1183
	minim (US)	1920
	ounce (US, liq)	4
	pint (US, liq)	0.25
	quart (US, liq)	0.125
grade	circle	0.0025
	circumference	0.0025
	degree	0.9
	minute	54
	radian	0.01571
	revolution	0.0025
	second	3240
grain	carat (metric)	0.32399
	dram (troy)	0.01667
	dram (avdp)	0.03657
	gram	0.0648
	milligram	64.7989
	ounce (troy)	0.00208
	ounce (avdp)	0.00229
	pennyweight (troy)	0.04167
	pound (troy)	0.00017
	pound (avdp)	0.00014
	scruple (apoth)	0.05
	ton (metric)	6.4799×10^{-8}
grain–force	dyne	63.546
	newton	6.3546×10^{-4}
	poundal	0.0046
grain/cu ft	gram/cu meter	2.28835
grain/gal (US, liq)	part/million (1g/ml)	17.118
	pound/million gal	142.86
grain/gal (UK, liq)	part/million	14.254
gram	carat (metric)	5
	decigram	10
	dekagram	0.1
	dram (troy)	0.2572
	dram (avdp)	0.5644
	grain	15.432
	kilogram	0.001
	microgram	1×10^{6}
	milligram	1000
	myriagram	0.0001
	ounce (troy)	0.03215
	ounce (avdp)	0.03527
	pennyweight (troy)	0.64301
	pound (troy)	0.00268
	pound (avdp)	0.002205
	scruple (apoth)	0.77162
	ton (metric)	1×10^{-6}
gram–force	dyne	980.665
	joule/cm	9.807×10^{-5}
	joule/meter	9.807×10^{-3}
	newton	9.807×10^{-3}
	poundal	0.07093
gram/cm	gram/inch	2.54
	kg/km	100
	kg/meter	0.1
	pound/ft	0.067197
	pound/inch	0.0056
	ton (metric)/km	0.1
gram–force/cm	dyne/cm	980.665