WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
	hand (horses)	7.5
	inch (US Survey)	30
	meter	0.762
	rope (UK)	0.125
palm	centimeter	7.62
	chain (Ramden)	0.0025
	cubit	0.16667
	foot	0.25
	hand	0.75
	inch	3
parsec	kilometer	3.08568×10^{17}
	meter	3.08568×10^{16}
	mile	1.9174×10^{13}
part/billion	milligram/ton (met)	1
part/million	grain/gal (UK)	0.070157
	grain/gal (US)	0.058418
	gram/liter	0.001
	gram/ton (met)	1
	milligram/liter	1
	ounce (troy)/ton (short)	0.0292
	percent	0.0001
	pound/million gal	8.345
pascal	atmosphere (std)	9.869233×10^{-6}
	atmosphere (std)	1.01972×10^{-5}
	bar	1×10^{-5}
	barye (French)	10
	dyne/sq cm	10
	foot of water (4°C)	3.34552×10^{-4}
	inch of Hg (0°C)	2.953×10^{-4}
	inch of water (4°C)	4.01463×10^{-3}
	kg–force/sq cm	1.01972×10^{-5}
	kg–force/sq meter	1.01972×10^{-1}
	lbf/sq inch (psi)	0.00014504
	millibar	0.01
	newton/square meter	1
	poundal/sq foot	0.671969
	pound–force/sq in	0.00014504
	pound–force/sq ft	0.0208854
	torr	7.50062×10^{-3}
pascal sec	centipoise	1×10^{3}
	kg–force sec/sq meter	0.102
	newton sec/sq meter	1
	poise	10
peck (UK)	bushel (UK)	0.25
	coombs (UK)	0.0625
	cu cm	9092.18
	cu inch	554.84
	gallon (UK)	2
	gill (UK)	64
	hogshead (UK)	0.031746
	kilderkins (UK, liq)	0.1111
	liter	0.90922
	pint (UK)	16
	quarterns (UK)	4
	quarter (UK)	0.03125
	quart (UK)	8
	quart (US, dry)	8.25645
peck (US)	barrel (US, dry)	0.07619
	bushel (US, dry)	0.25
	cu cm	8809.77
	cu foot	0.31111
	cu inch	537.605
	gallon (US, dry)	2
	gallon (US, liq)	2.3273
	liter	8.8098
	pint (US, dry)	16
	quart (US, dry)	8
pennyweight (troy)	dram (apoth or troy)	0.4
	dram (avdp)	0.87771
	grain	24
	gram	1.55517
	ounce (apoth or troy)	0.05
	ounce (avdp)	0.05486
	pound (apoth or troy)	0.00417
	pound (avdp)	0.003429
perch (masonry)	stone 12 in x 18 in x 16.5 foot long	
perche (masonry)	cu foot	24.75
phot	footcandle	929.03
	lumen/sq cm	1
	lumen/sq meter	10000
	lux	10000
picas (printing)	centimeter	0.42175
	inch	0.16604
	point	12
picofarad	farad	1×10^{-12}
	microfarad	1×10^{-6}
pinch	teaspoon (US measure)	less than 1/8
pint (UK)	cu cm	568.261
	gallon (UK)	0.125
	gill (UK)	4
	gill (US)	4.8038
	liter	0.56826
	minim (UK)	9600
	ounce (UK, liq)	20
	pint (US, dry)	1.03206
	pint (US, liq)	1.20095
	quart (UK)	0.5
	scruple (UK, liq)	480
pint (US, dry)	bushel (US, dry)	0.015625
	cu cm	550.61
	cu inch	33.6003
	gallon, (US, dry)	0.125
	gallon (US, liq)	0.14546
	liter	0.5506
	peck (US)	0.625
	pint (US, liq)	1.16365
	quart (US, dry)	0.5
	cu cm	473.1765
	cu foot	0.01671
	cu inch	28.875
	cu meter	4.731765×10^{-4}
	cu yard	0.000619
	cup (US measuring)	2
	dram (US, liq)	128
	fifth (US, liq)	0.625
	gallon (US, liq)	0.125
	gill (US)	4
	jigger (US, liq)	10.6667
	liter	0.473176
	milliliter	473.176
	minim (US)	7680
	ounce (US, liq)	16
pint (US, liq)	pint (UK)	0.8327
	pint (US, dry)	0.85934
	pony (US, liq)	16
	quart (US, liq)	0.5
	shot (US, liq)	16
	teaspoon (US measure)	96
	tablespoon(US measure)	32
pipe (UK, liq)	gallon (UK)	108
	liter	490.978
Planck constant	erg second	6.6261×10^{-27}
	joule second	6.6261×10^{-34}
	joule sec/avogad	3.99×10^{-10}
point (printing)	centimeter	0.0351
	inch	0.013837
	pica	0.0833
poise	dyne sec/sq cm	1
	gram/(cm x sec)	1
	newton sec/sq meter	0.1
	pound/foot hour	241 91
poise cu cm/gram	sq cm/sec	1
poise cu ft/lb	sq cm/sec	62.428
poise cu in/gram	sq cm/sec	16.3871
pony (US, liq)	fifth (US, liq)	0.03906
	jigger (US, liq)	0.6667
	ounce, (US, liq)	1
	pint (US, liq)	0.0625
	shot (US, liq)	1
pottle (UK)	gallon (UK)	0.5
	liter	2.273
poundal	dyne	13825.5
	gram–force	14.098
	joule/cm	1.383×10^{-3}
	joule/meter	0.1383
	kilogram–force	0.0141
	newton	0.1383
	pound–force	0.03108
pound (apoth or troy)	dram (apoth or troy)	96
	dram (avdp)	210.65
	grain	5760
	gram	373.24
	kilogram	0.37324
	ounce (apoth or troy)	12
	ounce (avdp)	13.166
	pennyweight (troy)	240
	pound (avdp)	0.82286
	scruple (apoth)	288
	ton (long)	0.000367
	ton (metric)	0.000373
	ton (short)	0.0004114
pound (avdp)	dram (apoth or troy)	116.667
	dram (avdp)	256
	grain	7000
	gram	453.59
	hundredweight (long)	0.008929
	hundredweight (short)	0.01
	kilogram	0.4536
	ounce (apoth or troy)	14.583
	ounce (avdp)	16
	pennyweight (troy)	291.667
	pound (apoth or troy)	1.21528
	scruple (apoth)	350
	slug	0.03108
	ton (long)	0.0004464
	ton (metric)	0.0004536
	ton (short)	0.0005
pound–force	dyne	444822.162
	joule/cm	0.04448
	joule/meter	4.44822
	kilogram–force	0.453592
	newton	4.44822
	poundal	32.17405
pound/cu foot	gram/cu cm	0.016018
	kg/cu meter	16.01846
	lb/cu inch	5.787×10^{-4}
	lb/cu yard	27
	lb/circ mil foot	5.45415×10^{-9}
pound/cu inch	gram/cu cm	27.6799
	gram/liter	27679.91
	kg/cu meter	27679.91
	lb/cu foot	1728
	lb/circ mil foot	9.425×10^{-6}
pound/cu yard	lb/cu foot	0.037
pound/foot	kilogram/meter	1.488
pound/gal (UK)	pound/cu ft	6.2288