WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
	ounce (US, liq)	0.55411
	Peck (US)	0.00186
	pint (US, dry)	0.02976
	pint (US, liq)	0.03463
	quart (US, dry)	0.01488
	quart (US, liq)	0.01732
cu in H_2O 60°F	lbs of H_2O	0.03609
cu meter	acre foot	0.00081
	barrel (UK)	6.11026
	barrel (US, dry)	8.64849
	barrel (US, liq)	8.38641
	bushel (UK)	27.4962
	bushel (US, dry)	28.3776
	cu cm	1×10^6
	cu foot	35.3147
	cu inch	61023.7
	cu yard	1.30795
	gallon (UK)	219.969
	gallon (US, dry)	227.02
	gallon (US, liq)	264.172
	hogshead (US)	4.1932
	liter	1000
	pint (US, liq)	2113.38
	quart (US, liq)	1056.69
	stere	1
cu meter/kg	liter/kg	1000
	liter/gram	1
	cu foot/lb	16.01846
	cu foot/kg	35.31467
	cu cm/gram	1000
cu meter/min	gallon (UK)/min	219.969
	gallon (US)/min	264.172
	liter/min	1000
cu meter/sec	cu foot/sec	35.315
	gallon (US, liq)/min	15,850.3
cu mm	cu cm	0.001
	cu inch	6.102×10^{-6}
	cu meter	1×10^{-9}
	minim (UK)	0.01689
	minim (US)	0.01623
cu yard	bushel (UK)	21.0223
	bushel (US, dry)	21.6962
	cu cm	764554.9
	cu foot	27
	cu inch	46656
	cu meter	0.76455
	gallon (UK)	168.179
	gallon (US, dry)	173.569
	gallon (US, liq)	201.974
	liter	764.5549
	prospecting dish	112
	quart (UK)	672.714
	quart (US, dry)	694.279
	quart (US, liq)	807.896
cu yard/min	cu ft/sec	0.45
	gallon (US)/sec	3.3662
	liter/sec	12.742
cubit	centimeter	45.72
	foot	1.5
	inch	18
cup (US measuring)	cu inch	14.4375
	gallon (US, liq)	0.0625
	gill (US)	2
	liter	0.23659
	pint (US, liq)	0.5
	milliliter	236.588
	ounce (US, liq)	8
	quart (US, liq)	0.25
	tablespoon (US measure)	16
	Teaspoon (US measure)	48
cup, metric	milliliter	200
cup, tea	pint	0.25
	milliliter	142.06
dalton	gram	1.66×10^{-24}
day (mean solar)	day (sidereal)	1.0027379
	hour (mean solar)	24
	hour (sidereal)	24.06571
	year (calendar)	0.0027397
	year (sidereal)	0.002738
	year (tropical)	0.002738
day (sidereal)	day (mean solar)	0.9972696
	hour (mean solar)	23.93447
	hour (sidereal)	24
	min (mean solar)	1436.068
	min (sidereal)	1440
	second (sidereal)	86400
	year (calendar)	0.002732
	year (sidereal)	0.00273
	year (tropical)	0.00273
decibel	bel	0.1
decigram	gram	0.1
deciliter	liter	0.1
decimeter	centimeter	10
	foot	0.32808
	inch	3.937
	meter	0.1
decistere	cu meter	0.1
degree	circle	0.00278
	minute	60
	quadrant	0.01111
	radian	0.01745
	second	3600

Convert From	Into	Multiply By
degree/cm	radian/cm	0.01745
degree/foot	radian/cm	0.0005726
degree/inch	radian/cm	0.0068714
degree/min	degree/sec	0.01667
	radian/sec	0.00029
	revolution/sec	4.6296×10^{-5}
degree/sec	radian/sec	0.01745
	revolution/min	0.16667
	revolution/sec	0.00278
dekagram	gram	10
dekaliter	liter	10
	peck (US)	1.1351
dekaliter	pint (US, dry)	18.162
dekameter	centimeter	1000
	foot	32.8084
	inch	393.7008
	kilometer	0.01
	meter	10
	yard	10.9361
demal	gram–equiv/cu dm	1
denier	kilogram/meter	0.000 000 1
	ounce/foot	0.000 001 2
drachm (UK apoth)	dram (US apoth)	1
	gram	3.8879
	scruple (US apoth)	3
drachm (UK, liq)	cu centimeter	3.55163
	cu inch	0.21673
	minim (UK)	60
	milliliter	3.55163
dram (troy)	dram (avdp)	2.19429
	grain (apoth)	60
	gram	3.8879346
	ounce (troy)	0.125
dram (avdp)	dram (troy)	0.455729
	grain	27.34375
	gram	1.771845
	ounce (troy)	0.056966
	ounce (avdp)	0.0625
	pennyweight (troy)	1.13932
	pound (troy)	0.004747
	pound (avdp)	0.00391
	scruple (apoth)	1.36719
dram (US, liq)	cu cm	3.6967
	cu inch	0.225586
	drachm (UK, liq)	1.04084
	gill (US)	0.03125
	milliliter	3.69669
	minim (US)	60
	ounce (US, liq)	0.125
	pint (US, liq)	0.0078125
dyne	grain–force	0.015737
	gram–force	0.0010197
	joule/cm	1×10^{-7}
	joule/meter	1×10^{-5}
	kilogram–force	1.02×10^{-6}
	newton	0.00001
	poundal	7.233×10^{-5}
	pound–force	2.248×10^{-6}
dyne/cm	erg/sq cm	1
	erg/sq mm	0.01
	gram–force/cm	0.0010197
	poundal/inch	0.0001837
dyne/cu cm	gram–force/cu cm	0.0010197
	poundal/cu inch	0.001185
dyne/sq cm	atmosphere (std)	9.869×10^{-7}
	bar	1×10^{-6}
	barye (French)	1
	cm of Hg @ 0°C	7.500616×10^{-4}
	cm of H_2O @ 4°C	0.00101972
	gram–force/sq cm	0.00101972
	in of Hg @ 32°F	2.953×10^{-5}
	in of H_2O @ 4°C	0.0004015
	kg–force/sq meter	0.0101972
	newton/sq meter	0.1
	pascal	0.1
	poundal/sq in	0.0004666
	pound–force/sq in	1.45×10^{-5}
dyne cm	erg	1
	foot poundal	2.373×10^{-6}
	foot pound–force	7.376×10^{-8}
	gram–force cm	0.00102
	inch pound–force	8.8508×10^{-7}
	joule	1×10^{-7}
	kg–force meter	1.0197×10^{-8}
	newton meter	1×10^{-7}
electron volt	erg	1.6021×10^{-12}
	joule	1.602177×10^{-19}
electron charge	abcoulomb	1.6022×10^{-20}
	coulomb	1.6022×10^{-19}
	statcoulomb	4.803×10^{-10}
ell (cloth)	cm	114.3
	inch	45
em (pica–printer)	inch	0.167
	cm	0.42175
erg	Btu (thermo)	9.4845×10^{-11}
	calorie (IST)	2.3885×10^{-8}
	calorie, kg (thermo)	2.3901×10^{-11}
	cu cm atmosphere	9.8692×10^{-7}
	cu ft atmosphere	3.4853×10^{-11}
	cu ft lb–force/sq in	5.122×10^{-10}
	dyne cm	1
	electron volt	6.241×10^{11}