

Conversion Factors

Density

Multiply	by	to obtain
Kilogram per cubic meter	0.001	gram per cubic centimeter
	0.000578	ounce per cubic inch
	0.1604	ounce per gallons (Imperial)
	0.1335	ounce per gallons (U.S)
	0.0624	pound per cubic foot
	0.000036	pound per cubic inch
	1.6855	pound per cubic yard
	0.01	pound per gallon (imperial)
	0.00835	pound per gallon (U.S)
	0.00075	ton per cubic yard
gram per cubic centimeter	1000	Kilogram per cubic meter
	0.578	ounce per cubic inch
	160.4	ounce per gallons (Imperial)
	133.52	ounce per gallons (U.S)
	62.43	pound per cubic foot
	0.036	pound per cubic inch
	1685.6	pound per cubic yard
	10.02	pound per gallon (imperial)
	8.35	pound per gallon (U.S)
	0.752	ton per cubic yard
ounce per cubic inch	1730	Kilogram per cubic meter
	1.73	gram per cubic centimeter
	277.4	ounce per gallons (Imperial)
	231	ounce per gallons (U.S)
	108	pound per cubic foot
	0.0625	pound per cubic inch
	2916	pound per cubic yard
	17.34	pound per gallon (imperial)
	14.44	pound per gallon (U.S)

	1.302	ton per cubic yard
ounce per gallons (Imperial)	6.24	Kilogram per cubic meter
	0.0062	gram per cubic centimeter
	0.0036	ounce per cubic inch
	0.827	ounce per gallons (US)
	0.389	pound per cubic foot
	0.000225	pound per cubic inch
	10.51	pound per cubic yard
	0.0625	pound per gallon (imperial)
	0.052	pound per gallon (U.S)
	0.0047	ton per cubic yard
ounce per gallons (US)	7.4	Kilogram per cubic meter
	0.00749	gram per cubic centimeter
	0.0043	ounce per cubic inch
	1.2	ounce per gallon (imperial)
	0.468	pound per cubic foot
	0.00027	pound per cubic inch
	12.62	pound per cubic yard
	0.075	pound per gallon (imperial)
	0.0625	pound per gallon (U.S)
	0.0056	ton per cubic yard
Pound per cubic foot	16.02	Kilogram per cubic meter
	0.016	gram per cubic centimeter
	0.0093	ounce per cubic inch
	2.57	ounce per gallon (imperial)
	2.14	ounce per gallon (US)
	0.000579	pound per cubic inch
	27	pound per cubic yard
	0.1605	pound per gallon (imperial)
	0.134	pound per gallon (U.S)
	0.0121	ton per cubic yard
Pound per cubic inch	27680	Kilogram per cubic meter

	27.68	gram per cubic centimeter
	16	ounce per cubic inch
	4438.7	ounce per gallon (imperial)
	3696	ounce per gallon (US)
	1728	pound per cubic foot
	46656	pound per cubic yard
	277	pound per gallon (imperial)
	231	pound per gallon (U.S)
	20.82	ton per cubic yard
Pound per cubic yard	0.593	Kilogram per cubic meter
	0.00059	gram per cubic centimeter
	0.00034	ounce per cubic inch
	0.095	ounce per gallon (imperial)
	0.079	ounce per gallon (US)
	0.037	pound per cubic foot
	0.000021	pound per cubic inch
	0.00595	pound per gallon (imperial)
	0.00495	pound per gallon (U.S)
	0.00045	ton per cubic yard
Pound per gallon (imperial)	99.78	Kilogram per cubic meter
	0.0998	gram per cubic centimeter
	0.0577	ounce per cubic inch
	16	ounce per gallon (imperial)
	13.32	ounce per gallon (US)
	6.23	pound per cubic foot
	0.0036	pound per cubic inch
	168.2	pound per cubic yard
	0.833	pound per gallon (U.S)
	0.0751	ton per cubic yard
Pound per gallon (U.S)	119.8	Kilogram per cubic meter
	0.12	gram per cubic centimeter
	0.059	ounce per cubic inch

	19.2	ounce per gallon (imperial)
	16	ounce per gallon (US)
	7.48	pound per cubic foot
	0.0043	pound per cubic inch
	201.97	pound per cubic yard
	1.2	pound per gallon (imperial)
	0.09	ton per cubic yard
Ton per cubic yard	1328.9	Kilogram per cubic meter
	1.329	gram per cubic centimeter
	0.768	ounce per cubic inch
	213.1	ounce per gallon (imperial)
	177.4	ounce per gallon (US)
	82.96	pound per cubic foot
	0.048	pound per cubic inch
	2240	pound per cubic yard
	13.32	pound per gallon (imperial)
	11.1	pound per gallon (U.S)