

METRIC CONVERSIONS

	English	To	Metric		Metric	To	English	
C o n t e n t	1 Btu/ft ³		0.0089 cal/cm ³		1 cal/cm ³		112.3595506 Btu/ft ³	
			8.899 kcal/m ³		1 kcal/m ³		0.112372177 Btu/ft ³	
			0.0373 MJ/m ³		1 MJ/m ³		26.80965147 Btu/ft ³	
	1 Btu/lb		0.5556 cal/g		1 cal/g		1.799856012 Btu/lb	
			0.5556 kcal/kg		1 kcal/kg		1.799856012 Btu/lb	
			2326 J/kg		1 J/kg		0.000429923 Btu/lb	
	1 Btu/USgal		0.666 kcal/L		1 kcal/L		1.501501502 Btu/USgal	
	L e n g t h	1 in		25.4 mm		1 mm		0.039370079 in
				2.54 cm		1 cm		0.393700787 in
			0.0254 m		1 m		39.37007874 in	
1 ft			304.8 mm		1 mm		0.00328084 ft	
			30.48 cm		1 cm		0.032808399 ft	
			0.3048 m		1 m		3.280839895 ft	
A r e a	1 in ²		645.2 mm ²		1 mm ²		0.001549907 in ²	
			6.452 cm ²		1 cm ²		0.154990701 in ²	
			0.000645 m ²		1 m ²		1550.387597 in ²	
	1 ft ²		920903 mm ²		1 mm ²		1.08589E-06 ft ²	
			929.03 cm ²		1 cm ²		0.001076392 ft ²	
			0.0929 m ²		1 m ²		10.76426265 ft ²	
V o l u m e	1 in ³		16387 mm ³		1 mm ³		6.1024E-05 in ³	
			16.39 cm ³		1 cm ³		0.061012813 in ³	
			0.000164 m ³		1 m ³		609.7560976 in ³	
			0.01639 L		1 L		61.01281269 in ³	
	1 ft ³		28316847 mm ³		1 mm ³		3.53147E-08 ft ³	
			28320 cm ³		1 cm ³		3.53107E-05 ft ³	
			0.02832 m ³		1 m ³		35.31073446 ft ³	
			28.32 L		1 L		0.035310734 ft ³	
	1 USgal		3785 cm ³		1 cm ³		0.000264201 USgal	
			0.003785 m ³		1 m ³		264.2007926 USgal	
			231 in ³		1 in ³		0.004329004 USgal	
			0.1337 ft ³		1 ft ³		7.479431563 USgal	
			3.785 L		1 L		0.264200793 USgal	

METRIC CONVERSIONS

	English	To	Metric		Metric	To	English
P r e s s u r e	1 in. H ₂ O		0.2488 kPa		1 kPa		4.019292605 in. H ₂ O
			25.4 mm H ₂ O		1 mm H ₂ O		0.039370079 in. H ₂ O
			1.866 mm Hg		1 mm Hg		0.535905681 in. H ₂ O
			0.00254 kg/cm ²		1 kg/cm ²		393.7007874 in. H ₂ O
			2.54 g/cm ²		1 g/cm ²		0.393700787 in. H ₂ O
	1 in. Hg		3.386 kPa		1 kPa		0.295333727 in. Hg
			25.4 mm Hg		1 mm Hg		0.039370079 in. Hg
			345.3 mm H ₂ O		1 mm H ₂ O		0.002896032 in. Hg
			13.61 in. H ₂ O		1 in. H ₂ O		0.073475386 in. Hg
			7.858 oz/in ²		1 oz/in ²		0.127258844 in. Hg
			0.491 lb/in ²		1 lb/in ²		2.036659878 in. Hg
			25.4 torr		1 torr		0.039370079 in. Hg
	1 lb/in ²		6.895 kPa		1 kPa		0.145032632 lb/in ²
			6895 N/m ²		1 N/m ²		0.000145033 lb/in ²
			51.72 mm Hg		1 mm Hg		0.019334880 lb/in ²
			2.036 in. Hg		1 in. Hg		0.491159136 lb/in ²
			703.1 mm H ₂ O		1 mm H ₂ O		0.001422273 lb/in ²
			27.71 in. H ₂ O		1 in. H ₂ O		0.036088055 lb/in ²
			16 oz/in ²		1 oz/in ²		0.0625 lb/in ²
			0.0703 kg/cm ²		1 kg/cm ²		0.0703 lb/in ²
			70.31 g/cm ²		1 g/cm ²		0.014222728 lb/in ²
			0.06897 bar		1 bar		14.5137881 lb/in ²
	1 oz/in ²		0.4309 kPa		1 kPa		2.320724066 oz/in ²
			43.94 mm H ₂ O		1 mm H ₂ O		0.022758307 oz/in ²
			1.732 in. H ₂ O		1 in. H ₂ O		0.577367206 oz/in ²
			3.232 mm Hg		1 mm Hg		0.309405941 oz/in ²
			0.00439 kg/cm ²		1 kg/cm ²		227.7904328 oz/in ²
		4.394 g/cm ²		1 g/cm ²		0.227583068 oz/in ²	