

Volume conversion chart

Litres, US and imperial gallons, cubic feet. Factors are given to 7 significant figures; open the converter for full precision and the worked solution.

Conversion factors to cubic metres (m³)		
UNIT	IN M³	1 M³ IN UNIT
litre (L)	0.001 m³	1,000 L
millilitre (mL)	0.000001 m³	1,000,000 mL
decilitre (dL)	0.0001 m³	10,000 dL
cubic metre (m³)	1 m³	1 m³
US gallon (gal (US))	0.003785412 m³	264.1721 gal (US)
imperial gallon (gal (UK))	0.00454609 m³	219.9692 gal (UK)
US liquid quart (qt (US))	0.0009463529 m³	1,056.688 qt (US)
imperial quart (qt (UK))	0.001136523 m³	879.877 qt (UK)
US liquid pint (pt (US))	0.0004731765 m³	2,113.376 pt (US)
imperial pint (pt (UK))	0.0005682613 m³	1,759.754 pt (UK)
US fluid ounce (fl oz (US))	0.00002957353 m³	33,814.02 fl oz (US)
imperial fluid ounce (fl oz (UK))	0.00002841306 m³	35,195.08 fl oz (UK)
cubic inch (in³)	0.00001638706 m³	61,023.74 in³
cubic foot (ft³)	0.02831685 m³	35.31467 ft³
cubic yard (yd³)	0.7645549 m³	1.307951 yd³
oil barrel (bbl)	0.1589873 m³	6.289811 bbl

L → gal (US)	
L	GAL (US)
0.1 L	0.02641721 gal (US)
0.5 L	0.132086 gal (US)
1 L	0.2641721 gal (US)
2 L	0.5283441 gal (US)
5 L	1.32086 gal (US)
10 L	2.641721 gal (US)
20 L	5.283441 gal (US)
25 L	6.604301 gal (US)
50 L	13.2086 gal (US)
100 L	26.41721 gal (US)
250 L	66.04301 gal (US)
500 L	132.086 gal (US)
1,000 L	264.1721 gal (US)

gal (US) → L	
GAL (US)	L
0.1 gal (US)	0.3785412 L
0.5 gal (US)	1.892706 L
1 gal (US)	3.785412 L
2 gal (US)	7.570824 L
5 gal (US)	18.92706 L
10 gal (US)	37.85412 L
20 gal (US)	75.70824 L
25 gal (US)	94.63529 L
50 gal (US)	189.2706 L
100 gal (US)	378.5412 L
250 gal (US)	946.3529 L
500 gal (US)	1,892.706 L
1,000 gal (US)	3,785.412 L

Formula: **gal (US) = L × 0.2641720524**