

Fuel economy conversion chart

mpg (US/UK), L/100 km, km/L. Factors are given to 7 significant figures; open the converter for full precision and the worked solution.

Conversion factors to kilometres per litre (km/L)		
UNIT	IN KM/L	1 KM/L IN UNIT
mile per US gallon (mpg (US))	0.4251437 km/L	2.352146 mpg (US)
mile per imperial gallon (mpg (UK))	0.3540062 km/L	2.824809 mpg (UK)
litre per 100 km (L/100 km)	100 km/L	100 L/100 km
kilometre per litre (km/L)	1 km/L	1 km/L

mpg (US) → L/100 km	
MPG (US)	L/100 KM
0.1 mpg (US)	2,352.146 L/100 km
0.5 mpg (US)	470.4292 L/100 km
1 mpg (US)	235.2146 L/100 km
2 mpg (US)	117.6073 L/100 km
5 mpg (US)	47.04292 L/100 km
10 mpg (US)	23.52146 L/100 km
20 mpg (US)	11.76073 L/100 km
25 mpg (US)	9.408583 L/100 km
50 mpg (US)	4.704292 L/100 km
100 mpg (US)	2.352146 L/100 km
250 mpg (US)	0.9408583 L/100 km
500 mpg (US)	0.4704292 L/100 km
1,000 mpg (US)	0.2352146 L/100 km

L/100 km → mpg (US)	
L/100 KM	MPG (US)
0.1 L/100 km	2,352.146 mpg (US)
0.5 L/100 km	470.4292 mpg (US)
1 L/100 km	235.2146 mpg (US)
2 L/100 km	117.6073 mpg (US)
5 L/100 km	47.04292 mpg (US)
10 L/100 km	23.52146 mpg (US)
20 L/100 km	11.76073 mpg (US)
25 L/100 km	9.408583 mpg (US)
50 L/100 km	4.704292 mpg (US)
100 L/100 km	2.352146 mpg (US)
250 L/100 km	0.9408583 mpg (US)
500 L/100 km	0.4704292 mpg (US)
1,000 L/100 km	0.2352146 mpg (US)

Formula: $L/100\text{ km} = 235.2145833 \div \text{mpg (US)}$