km/h to mph Conversion Chart

Kilometres per hour to miles per hour, metres per second and knots

For: Drivers, cyclists, runners and travellers

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EXACT DEFINITION	FORMULA	REVERSE	WORKED EXAMPLE
1 mph = 1.609 344 km/h exactly	mph = km/h ÷ 1.609 344	km/h = mph × 1.609 344	120 km/h ÷ 1.609344 = 74.6 mph

mph is rounded to 1 decimal place.

5 to 300 km/h

Kilometres per hour (km/h)	Miles per hour (mph)	Kilometres per hour (km/h)	Miles per hour (mph)	Kilometres per hour (km/h)	Miles per hour (mph)	Kilometres per hour (km/h)	Miles per hour (mph)
5	3.1	**80**	49.7	**155**	96.3	**230**	142.9
10	6.2	**85**	52.8	**160**	99.4	**235**	146.0
15	9.3	**90**	55.9	**165**	102.5	**240**	149.1
20	12.4	**95**	59.0	**170**	105.6	**245**	152.2
25	15.5	**100**	62.1	**175**	108.7	**250**	155.3
30	18.6	**105**	65.2	**180**	111.8	**255**	158.4
35	21.7	**110**	68.4	**185**	115.0	**260**	161.6
40	24.9	**115**	71.5	**190**	118.1	**265**	164.7
45	28.0	**120**	74.6	**195**	121.2	**270**	167.8
50	31.1	**125**	77.7	**200**	124.3	**275**	170.9
55	34.2	**130**	80.8	**205**	127.4	**280**	174.0
60	37.3	**135**	83.9	**210**	130.5	**285**	177.1
65	40.4	**140**	87.0	**215**	133.6	**290**	180.2
70	43.5	**145**	90.1	**220**	136.7	**295**	183.3
75	46.6	**150**	93.2	**225**	139.8	**300**	186.4

km/h to m/s and knots

Kilometres per hour (km/h)	Metres per second (m/s)	Knots (kn)	Kilometres per hour (km/h)	Metres per second (m/s)	Knots (kn)
10	2.78	5.40	**90**	25.00	48.60
20	5.56	10.80	**100**	27.78	54.00
30	8.33	16.20	**110**	30.56	59.40
40	11.11	21.60	**120**	33.33	64.79
50	13.89	27.00	**130**	36.11	70.19
60	16.67	32.40	**140**	38.89	75.59
70	19.44	37.80	**150**	41.67	80.99
80	22.22	43.20			

Sources and method

- **International Yard and Pound Agreement (1959)** — 1 in = 25.4 mm, 1 ft = 0.3048 m, 1 lb = 0.453 592 37 kg exactly
- **NIST Special Publication 811** — Guide for the Use of the International System of Units (www.nist.gov/pml/special-publication-811)

Conversion values on this sheet are generated by the AllUnitConversions conversion library and automatically checked against the exact definitions above before the PDF is produced; reference tables are taken from the sources listed. Interactive version, corrections and more charts: **allunitconversions.com/kph-to-mph-conversion-chart**