

Length Conversions

Multiply by the factor indicated to convert the column units to the units in the row.

	Inches	Centimeters	Feet	Yards	Meters	Miles	Kilometers	Nautical miles
Inches	1	0.3937	12	36	39.37	63,360	39,370	72,913
Centimeters	2.540	1	30.48	91.44	100	160,934	100,000	185,200
Feet	0.0833	0.0328	1	3	3.281	5,280	3,281	6,076
Yards	0.0278	0.0109	0.333	1	1.094	1,760	1,094	2,025
Meters	0.0254	0.0100	0.3048	0.9144	1	1,609	1,000	1,852
Miles	1.578×10^{-5}	3.637×10^{-5}	1.894×10^{-4}	5.682×10^{-4}	6.214×10^{-4}	1	0.6214	1.151
Kilometers	2.540×10^{-5}	1.00×10^{-5}	3.048×10^{-4}	9.144×10^{-4}	0.001	1.609	1	1.852
Nautical miles	1.371×10^{-5}	5.400×10^{-6}	1.646×10^{-4}	4.937×10^{-4}	5.40×10^{-4}	0.8690	0.5400	1

Source: <http://www.onlineconversion.com/length>. Feet, miles, and nautical miles are based on United States (US) units.

Area Conversions

Multiply by the factor indicated to convert the column units to the units in the row.

	Inches	Centimeters	Feet	Yards	Meters	Miles	Kilometers	Hectares	Acres
Inches	1	0.1550	144	1,296	1,550	4.014×10^9	1.550×10^9	1.550×10^7	6.272×10^6
Centimeters	6.452	1	929	8,361	10,000	2.590×10^9	1.000×10^{10}	1.000×10^8	4.047×10^7
Feet	0.0069	1.076×10^{-3}	1	9	10.76	2.788×10^7	1.076×10^7	1.076×10^5	43,560
Yards	7.716×10^{-4}	1.196×10^{-4}	0.1111	1	1.196	3.098×10^6	1.196×10^6	11,960	4,840
Meters	6.452×10^{-4}	1.00×10^{-4}	0.0929	0.8361	1	2.590×10^6	1.000×10^6	10,000	4,047
Miles	2.491×10^{-10}	3.861×10^{-11}	2.952×10^{-8}	3.228×10^{-7}	3.861×10^{-7}	1	0.3861	3.861×10^{-3}	1.563×10^{-3}
Kilometers	6.452×10^{-10}	1.00×10^{-10}	9.290×10^{-8}	8.361×10^{-7}	1.00×10^{-6}	2.590	1	0.0100	4.047×10^{-3}
Hectares	6.452×10^{-8}	1.00×10^{-8}	9.290×10^{-6}	8.361×10^{-5}	0.0001	259	100	1	0.4047
Acres	1.594×10^{-7}	2.471×10^{-8}	2.296×10^{-5}	2.066×10^{-4}	2.471×10^{-4}	640	247.1	2.471	1

Source: <http://www.onlineconversion.com/area.htm>. Feet, miles, and nautical miles are based on United States (US) units.