

Conversion Factors

Length

Multiply	By	To Obtain
Angstrom units	1 x 10 ⁻¹⁰	Meters
	3.9370 x 10 ⁻⁹	Inches
Millimicrons	1 x 10 ⁻⁴	Microns
	1 x 10 ⁻⁸	Centimeters
	0.1	Millimicrons
	1 x 10 ⁻⁹	Meters
Microns (um)	1 x 10 ⁻⁷	Centimeters
	10	Angstrom units
Millimeters	3.9370 x 10 ⁻⁵	Inches
	1 x 10 ⁻⁶	Meters
	1 x 10 ⁻⁴	Centimeters
	1 x 10 ⁴	Angstrom units
Centimeters	0.03937	Inches (US)
	1000	Microns
Meters	0.39370	Inches (US)
	1 x 10 ⁴	Microns (um)
	1 x 10 ⁷	Millimicrons
	1 x 10 ⁸	Angstrom units
Kilometers	6.2137 x 10 ⁻⁴	Miles (statute)
	1.0936	Yards (US)
	39.370	Inches (US)
	1 x 10 ⁹	Millimicrons
	0.53961	Miles (nautical)
Inches (US)	0.62137	Miles (statute)
	1093.6	Yards
	2280.8	Feet
	0.02778	Yards
Feet (US)	2.5400	Centimeters
	2.5400 x 10 ⁸	Angstrom units
	0.30480	Meters
Yards (US)	30.480	Centimeters
	5.6818 x 10 ⁻⁴	Miles
	0.91440	Meters
Miles (nautical)	91.440	Centimeters
	1.1516	Statute miles
	2026.8	Yards
Miles (US statute)	1.8533	Kilometers
	320	Rods
	0.86836	Nautical miles
	1.6094	Kilometers
	1609.4	Meters