

Velocity Conversion Factors										
From:	To:	Miles/ Hour	Feet/ Minute	Inches/ Minute	Meters/ Minute	Centimeters/ Minute	Feet/ Second	Inches/ Second	Meters/ Second	Millimeters/ Second
<b>1</b>	Mile/ Hour	1.0	88	1056	26.822	2682.24	1.4667	17.60	0.4470	447.0
<b>1</b>	Foot/ Minute	$1.1364 \times 10^{-2}$	1.0	12.0	0.3048	30.48	$1.6667 \times 10^{-2}$	20.000	$5.08 \times 10^{-3}$	5.08
<b>1</b>	Inch/ Minute	$9.470 \times 10^{-4}$	$8.333 \times 10^{-2}$	1.0	$2.540 \times 10^{-2}$	2.54	$1.3888 \times 10^{-3}$	$1.6666 \times 10^{-2}$	$4.23 \times 10^{-4}$	0.0423
<b>1</b>	Meter/ Minute	$3.7282 \times 10^{-2}$	3.281	39.372	1.0	100.0	$5.468 \times 10^{-2}$	0.6562	$1.667 \times 10^{-2}$	16.667
<b>1</b>	Centimeter/ Minute	$3.7282 \times 10^{-4}$	$3.281 \times 10^{-2}$	0.3937	0.01	1.0	$5.468 \times 10^{-4}$	$6.5616 \times 10^{-3}$	$1.667 \times 10^{-4}$	0.1667
<b>1</b>	Foot/ Second	0.6818	60	720	18.29	1829	1.0	12	0.3048	304.8
<b>1</b>	Inch/ Second	$5.6818 \times 10^{-2}$	5	60	1.524	152.4	$8.333 \times 10^{-2}$	1.0	$2.540 \times 10^{-2}$	25.40
<b>1</b>	Meter/ Second	2.2369	196.85	2362.2	60.0	6000.0	3.281	39.372	1.0	1000
<b>1</b>	Millimeter/ Second	$2.2369 \times 10^{-3}$	0.1969	2.3622	$6.0 \times 10^{-2}$	6.000	$3.281 \times 10^{-3}$	$3.937 \times 10^{-2}$	$1 \times 10^{-3}$	1.0

Length Conversion Factors										
From:	To:	Angstroms	Milli- meters	Centi- meters	Inches	Feet	Yards	Meters	Kilometers	Miles (Imperial)
<b>1</b>	Angstrom (Å)	1.0	$1.0 \times 10^{-7}$	$1.0 \times 10^{-8}$	$3.937 \times 10^{-9}$	$3.2808 \times 10^{-10}$	$1.0936 \times 10^{-10}$	$1.0 \times 10^{-10}$	$1.0 \times 10^{-13}$	$6.2137 \times 10^{-14}$
<b>1</b>	Millimeter (mm)	$1.0 \times 10^7$	1.0	0.1	0.0394	$3.2808 \times 10^{-3}$	$1.0936 \times 10^{-3}$	$1.0 \times 10^{-3}$	$1.0 \times 10^{-6}$	$6.2137 \times 10^{-7}$
<b>1</b>	Centimeter (cm)	$1.0 \times 10^8$	10.0	1.0	0.3937	0.0328	0.0109	0.01	$1.0 \times 10^{-5}$	$6.2137 \times 10^{-6}$
<b>1</b>	Inch (in)	$2.54 \times 10^8$	25.4	2.54	1.0	0.0833	0.0278	0.0254	$2.54 \times 10^{-5}$	$1.5783 \times 10^{-5}$
<b>1</b>	Foot (ft)	$3.048 \times 10^9$	304.8	30.48	12.0	1.0	0.3333	0.3048	$3.048 \times 10^{-4}$	$1.8939 \times 10^{-4}$
<b>1</b>	Yard (yd)	$9.144 \times 10^9$	914.4	91.44	36.0	3.0	1.0	0.9144	$9.144 \times 10^{-4}$	$5.6818 \times 10^{-4}$
<b>1</b>	Meter (m)	$1.0 \times 10^{10}$	$1.0 \times 10^3$	100.0	39.3701	3.2808	1.0936	1.0	$1.0 \times 10^{-3}$	$6.2137 \times 10^{-4}$
<b>1</b>	Kilometer (km)	$1.0 \times 10^{13}$	$1.0 \times 10^6$	$1.0 \times 10^5$	$3.937 \times 10^4$	$3.2808 \times 10^3$	$1.0936 \times 10^3$	$1.0 \times 10^3$	1.0	0.6214
<b>1</b>	Mile (Imperial)	$1.6093 \times 10^{13}$	$1.6093 \times 10^6$	$1.6093 \times 10^5$	$6.336 \times 10^4$	$5.280 \times 10^3$	$1.760 \times 10^3$	$1.6093 \times 10^3$	1.6093	1.0