

Metric Linear Conversion Chart		
To Convert	Into	Multiply By
Centimeters	Inches	0.394
	Feet	0.0328
	Meters	0.01
	Millimeters	10
Meters	Centimeters	100
	Feet	3.281
	Inches	39.37
	Kilometers	0.001
	Miles	0.0006214
	Millimeters	1000
	Yards	1.093
Kilometers	Feet	3281
	Meters	1000
	Miles	0.621
	Yards	1093

Metric Volume Conversion Chart		
To Convert	Into	Multiply By
Liters	Cups	4.226
	Pints	2.113
	Gallons	0.264
	Milliliters	1000
	Quarts	1.057
Grams	Ounces	0.035
	Pounds	0.002
	Kilograms	0.001
Kilograms	Grams	1000
	Ounces	35.274
	Pounds	2.205

US Standard to Metric Conversion Chart		
To Convert	Into	Multiply By
Inches	Centimeters	2.54
	Feet	0.0833
	Meters	0.0254
	Yards	0.0278
Yards	Inches	36
	Feet	3
	Meters	0.914
	Miles	0.0005682
Miles	Feet	5280
	Yards	1760
	Kilometers	1.609

Volume Conversion		
To Convert	Into	Multiply By
Pints	Liters	0.473
	Quarts	0.5
	Gallons	0.125
Quarts	Pints	2
	Liters	0.946
	Gallons	0.25
Gallons	Pints	8
	Liters	3.785
	Quarts	4
Ounces	Grams	28.35
	Pounds	0.0625
	Kilograms	0.029
Pounds	Grams	453.59
	Ounces	16
	Kilograms	0.454

Metric Linear Measurement		
10 millimeters	=	1 centimeter
10 centimeters	=	1 decimeter
10 decimeters	=	1 meter
10 meters	=	1 decameter
10 decameter	=	1 hectometer
10 hectometer	=	1 kilometer

Metric Area Measurement		
100 sq. millimeters	=	1 sq. centimeters
10,000 sq centimeters	=	1 sq. meter
1,000,000 sq. millimeters	=	1 sq. meter
100 sq. meters	=	1 are
100 areas	=	1 hectare
100 hectares	=	1 sq kilometer
1,000,000 sq. meters	=	1 sq. kilometer

Metric Volume Measurements		
1 liter	=	0.001 cubic meter
10 milliliters	=	1 centiliters
10 centiliters	=	1 deciliter
10 deciliter	=	1 liter
10 liters	=	1 deciliter
10 deciliter	=	1 hectoliter
10 hectoliters	=	1 kiloliter

Metric Weight		
10 milligrams	=	1 centigram
10 centigrams	=	1 decigram
10 decigrams	=	1 gram
10 grams	=	1 dekagram
10 dekagrams	=	1 hectograms
10 hectograms	=	1 kilogram
1,000 kilograms	=	1 metric ton

Cross Reference Microns to MIL Thickness		
	Microns	MIL Thickness
	12.7	0.00050
	13.6	0.000535
	14	0.00055
	15	0.00059
	16	0.00063
	17	0.00067
	18	0.00071
	19	0.00075
	20	0.00079
	21	0.00083
	22	0.00087
	23	0.00091
	24	0.00094
	25	0.00098
	25.4	0.001

US Customary System Linear Measurements		
12 inches	=	1 foot
3 feet	=	1 yard
5.5 yards	=	1 rod
40 rods	=	1 furlong
8 furlongs	=	1 mile
3 land miles	=	1 league

Area Measurement		
144 sq. inches	=	1 sq. foot
9 sq. feet	=	1 sq. yard
30.25 sq. yards	=	1 sq. rod
150 sq. rods	=	1 acre
640 acres	=	1 sq. mile
1 sq. mile	=	1 section
36 sections	=	1 township

Liquid Measure		
4 gills (2 cups)	=	1 pint
2 pints	=	1 quart
4 quarts	=	1 gallon

Dry Measure		
2 pints	=	1 quart
8 quarts	=	1 peck
4 pecks	=	1 bushel

Weight		
27 11/32 grains	=	1 dram
16 drams	=	1 ounce
16 ounces	=	1 pound
100 pounds	=	1 hundredweight
20 hundredweight	=	1 san

Kitchen Measurements		
3 tsp	=	1 tbsp
4 tbsp	=	1/4 cup
5 1/3 tbsp	=	1/3 cup
16 tbsp	=	1 cup
2 cups	=	1 pint
4 cups	=	1 quart
2 pints	=	1 quart
4 quarts	=	1 gallon

Temperature		
Celsius	=	.5555 (F-32)
Fahrenheit	=	9C/5 + 32