ICP

Conversion Chart

# **Metric Conversions**

## Mass

1 Mg = 1000000 g

1 kg = 1000 g

1 hg = 100 g

1 dag = 10 g

10 dg = 1 g

100 cg = 1 g

1000 mg = 1g

1000000 μg = 1g

# Volume

1 ML = 1000000 L

1 kL = 1000 L

1 hL = 100 L

1 daL = 10 L

10 dL = 1 L

100 cL = 1 L

1000 mL = 1L

1000000 μL = 1L

Length

1 Mm = 1000000 m

1 km = 1000 m

1 hm = 100 m

1 dam = 10 m

10 dm = 1 m

100 cm = 1 m

1000 mm = 1m

1000000 μm = 1m

Other Conversions

### Mass

16 oz = 1 lb

2000 lbs = 1 ton

1 g = .0353 oz

1 kg = 2.2046 lb.

### Volume

2 pt = 1 qt

1 qt = 4 cups

1 pt = 2 cups

1 gal = 4 qt

1 L = .2642 gal

1 gal = 128 fl oz

1 cup = 8 oz

### Length

12 in = 1 ft.

3 ft = 1 yd

5280 ft = 1 mile

1 in = 2.54 cm

1 m = 3.2808 ft

1 km = .6214 mile

1 mile = 1760 yds

### Temperature

° F =

(°C x 1.8) + 32

°C =

(°F – 32) / 1.8

K = °C + 273

°C = K –273

### Time

1 min = 60 sec

1 hr = 60 min

1 day = 24 hrs

1 yr = 365.24 days

1 millennium = 1000 yrs

Physics

Conversion Chart

# **Metric Conversions**

## Mass

1 Gg = 1 x 10 9 g

1 Mg = 1 x 10 6 g

1 kg = 1 x 10 3 g

1 hg = 1 x 10 2 g

1 dag = 1 x 10 1 g

1 dg = 1 x 10 –1 g

1 cg = 1 x 10 –2 g

1 mg = 1 x 10 –3 g

1 μg = 1 x 10 –6 g

1 ng = 1 x 10 –9 g

1 pg = 1 x 10 –12 g

# Volume

1 GL = 1 x 10 9 L

1 ML = 1 x 10 6 L

1 kL = 1 x 10 3 L

1 hL = 1 x 10 2 L

1 daL = 1 x 10 1 L

1 dL = 1 x 10 –1 L

1 cL = 1 x 10 –2 L

1 mL = 1 x 10 –3 L

1 μL = 1 x 10 –6 L

1 nL = 1 x 10 –9 L

1 pL = 1 x 10 –12 L

Length

1 Gm = 1 x 10 9 m

1 Mm = 1 x 10 6 m

1 km = 1 x 10 3 m

1 hm = 1 x 10 2 m

1 dam = 1 x 10 1 m

1 dm = 1 x 10 –1 m

1 cm = 1 x 10 –2 m

1 mm = 1 x 10 –3 m

1 μm = 1 x 10 –6 m

1 nm = 1 x 10 –9 m

1 pm = 1 x 10 –12 m

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