

## **Conversion Factors**

### **A Computer Database**

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#### **MENUS**

- GEOMETRIC QUANTITIES
  - Plane Angle
  - Solid Angle
- MATERIAL QUANTITIES
  - Quantity of Substance [Number]
  - Length
  - Area
  - Volume
  - Mass (including Weight, on Earth)
  - Density
- MECHANICAL QUANTITIES
  - Time
  - Frequency
  - Velocity
  - Angular Velocity
  - Acceleration
  - Angular Acceleration
  - Force or Weight (See also Mass, above)
  - Pressure
  - Energy, Work, or Heat
  - Power
  - Surface Tension
  - Absolute Viscosity, or Dynamic Viscosity
  - Kinematic Viscosity, or Diffusion Coefficient
- ELECTRO-MAGNETIC QUANTITIES
  - Electric Charge
  - Electric Current, or Magnetomotive Force
  - Electric Potential Difference, or Electromotive Force
  - Electric Field Strength
  - Electric Resistance
  - Electric Conductance
  - Electric Capacitance
  - Electric Inductance
  - Magnetic Field Strength
  - Magnetic Flux
  - Magnetic Flux Density, or Magnetic Induction
- LIGHTING QUANTITIES
  - Luminous Intensity
  - Luminance
  - Luminous Flux
  - Light Intensity, or Illumination
- THERMAL QUANTITIES
  - Temperature
  - Latent Heat
  - Heat Capacity
  - Thermal Conductivity
  - Entropy

- METRIC PREFIXES
- MATH NOTES