

Conversion Charts



Conversion charts are a valuable resource for anyone working with measurements - whether in cooking, construction, sewing, or science. They provide a quick reference to help you convert units accurately and confidently.

Some Tips for Using Conversion Charts

1. Keep It Handy

- Take a photo of the chart and save it on your phone.
- Print a small version and laminate it for your kitchen drawer, toolbox, or sewing kit.
- Use sticky notes or bookmarks in recipe books or manuals where conversions are frequent.

2. Learn Key Conversions by Heart

- Memorise a few common conversions to speed up tasks or for when you don't have your chart nearby:
 - 1 inch = 2.54 cm
 - 1 pound = 0.45 kg
 - 1 cup = 240 ml
 - 32°F = 0°C

3. Use Digital Tools

- Many free apps and websites offer interactive conversion calculators.
- You can even ask your phone's voice assistant (like Siri or Google) to convert units for you.

4. Customise Your Chart

- Create a personalised chart with only the conversions you use most.
- Use colour coding or symbols to make it easier to scan quickly.

5. Check for Accuracy

- Remember - rounding errors can matter, especially in science or construction.
- Always double-check conversions when precision is important.

Metric Conversion Chart and Table

Length

| | | |
|-------------------|---|-----------------------|
| 1 centimeter (cm) | = | 10 millimeters (mm) |
| 1 inch | = | 2.54 centimeters (cm) |
| 1 foot | = | 0.305 meters (m) |
| 1 foot | = | 12 inches |
| 1 yard | = | 3 feet |
| 1 meter (m) | = | 100 centimeters (cm) |
| 1 meter (m) | ≈ | 3.281 feet |
| 1 furlong | = | 660 feet |
| 1 kilometer (km) | = | 1000 meters (m) |
| 1 kilometer (km) | ≈ | 0.62137119 miles |
| 1 mile | = | 5280 ft |
| 1 mile | = | 1.61 kilometers (km) |
| 1 nautical mile | = | 1.85 kilometers (km) |

Area

| | | |
|--------------------|---|---------------------------|
| 1 square foot | = | 144 square inches |
| 1 square foot | = | 929.03 square centimeters |
| 1 square yard | = | 9 square feet |
| 1 square meter | ≈ | 10.76104 square feet |
| 1 acre | = | 43,560 square feet |
| 1 hectare | = | 10,000 square meters |
| 1 hectare | ≈ | 2.47 acres |
| 1 square kilometer | = | 100 hectares |
| 1 square mile | ≈ | 2.59 square kilometers |
| 1 square mile | = | 640 acres |

Speed

| | | |
|-----------------------|---|-----------------------------|
| 1 mile per hour (mph) | ≈ | 1.467 feet per second (fps) |
| 1 mile per hour (mph) | = | 1.61 kilometers per hour |
| 1 knot | ≈ | 1.15 miles per hour |
| 1 foot per second | ≈ | 0.68 miles per hour (mph) |
| 1 kilometer per hour | ≈ | 0.62 miles per hour (mph) |

Volume

| | | |
|------------------|---|------------------------|
| 1 US tablespoon | = | 3 US teaspoons |
| 1 US fluid ounce | ≈ | 29.57 milliliters (ml) |
| 1 US cup | = | 16 US tablespoons |
| 1 US cup | = | 8 US fluid ounces |
| 1 US pint | = | 2 US cups |
| 1 US pint | = | 16 US fluid ounces |
| 1 liter (l) | ≈ | 33.81 US fluid ounces |
| 1 liter (l) | = | 1000 milliliters (ml) |
| 1 US quart | = | 2 US pints |
| 1 US gallon | = | 4 US quarts |
| 1 US gallon | = | 3.785 liters |

Weight

| | | |
|------------------|---|----------------------|
| 1 milligram (mg) | = | 0.001 grams (g) |
| 1 gram (g) | = | 0.001 kilograms (kg) |
| 1 gram (g) | ≈ | 0.035 ounces |
| 1 ounce | = | 28.3 grams (g) |
| 1 ounce | = | 0.0625 pounds |
| 1 pound (lb) | = | 16 ounces |
| 1 pound (lb) | = | 0.45 kilograms (kg) |
| 1 kilogram (kg) | = | 1000 grams |
| 1 kilogram (kg) | ≈ | 35.27 ounces |
| 1 kilogram (kg) | ≈ | 2.2 pounds (lb) |
| 1 stone | = | 14 pounds |
| 1 short ton | = | 2000 pounds |
| 1 metric ton | = | 1000 kilograms (kg) |

Temperature

