THE ULTIMATE INTERIOR DESIGN CONVERSIONS LIST

Ebook

Lifetime value

36

MEASUREMENT UNIT CONVERSIONS FOR QUICK EVERYDAY USE

All the shortcuts you need in one place

MEGHA BURNWAL

INTRO :

HELLO THERE, AMBITIOUS INTERIOR DESIGNER !

The importance of measurement units in our field must not be unknown to you. Everything we deal with, every other material has a certain size, weight, volume or quantity in which it is required for a project.

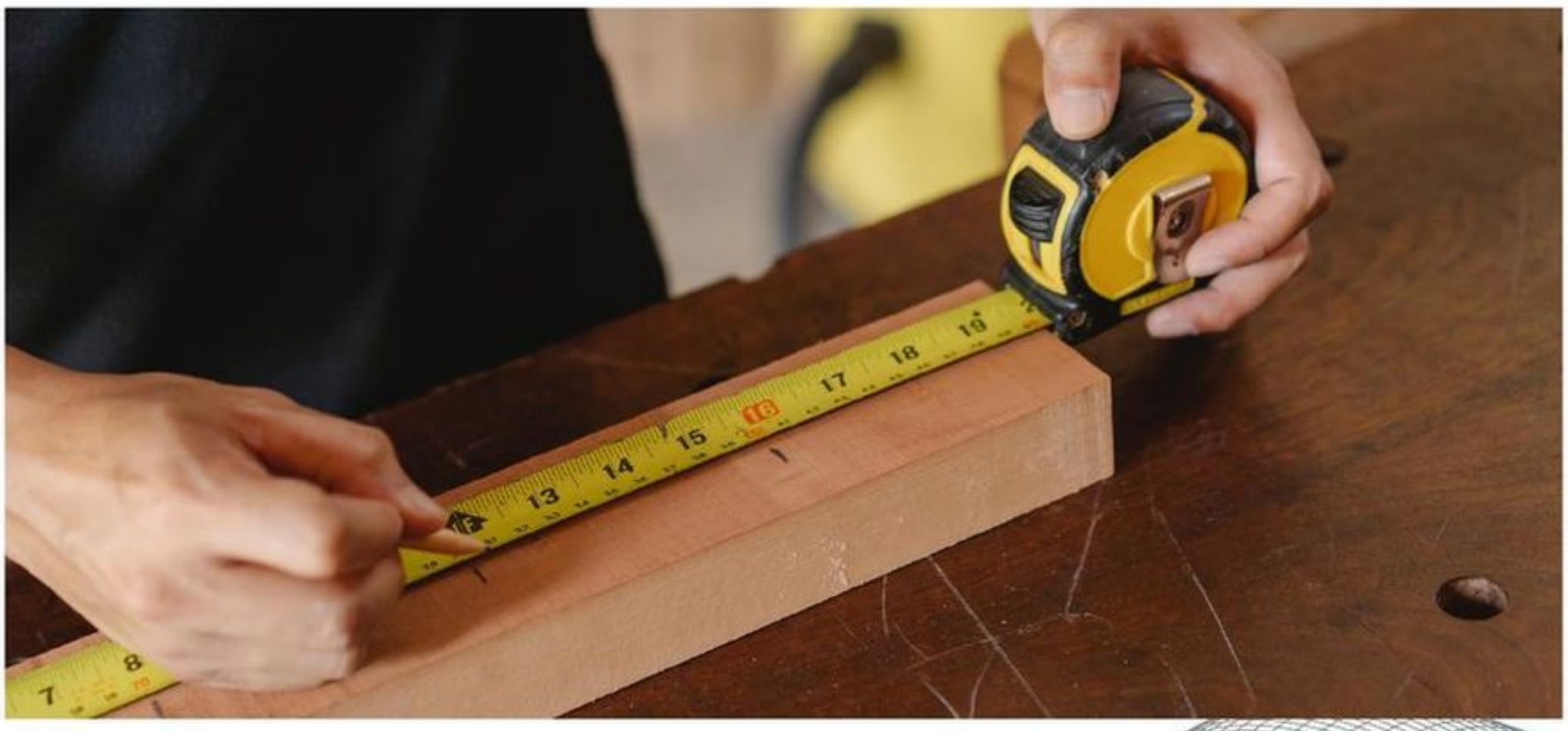
All are measured as a 'unit' attached to the 'value'
Like 5 inch, where 5 = value, inch = unit

In this e-book, I'll let you in on all the important measurement units you require to know as an Interior designer

AND . . . .

Be able to convert one unit into another at the snap of your finger *(ek chutki me)*

NOW LET'S DIVE IN !



DIFFERENT MEASUREMENT UNITS AND THEIR USE CASE:

In the interior design industry in India, various units of measurement are used, often depending on the different materials and their scale. The commonly used ones are:

- Millimeters (mm): Millimeters are used for precise measurements, especially when it comes to detailing and finishes. It's commonly used for the dimensions of small design elements or to specify the thickness of materials such as for laminates, plywood, mirror, etc.

- Meters (m) and Centimeters (cm): Length and height measurements, such as the dimensions of fabrics, sanitaryware, appliances, fittings are often specified in meters and centimeters.

- Inches (in) and Feet (ft): We use inches and feet very often when dealing with majority of interior materials like marble, plywood, wall or furniture dimensions, electronic equipments, hardware and much more.

- Square Feet (sq. ft.): Square feet is the most common unit for measuring area in interior design. It is used to measure the floor area, wall space, and overall size of rooms and spaces.

DIFFERENT MEASUREMENT UNITS AND THEIR USE CASE:

- Square Meters (sq. m): Square meters are also used for measuring area, particularly in larger projects.

- Cubic Feet (c. ft.): Cubic feet are used to measure the volume of objects. It's often used for specifying the size of wood planks/panels/logs and rarely for cabinets, storage units and appliances.

- Grams (g) and Kilograms (kg): These units are used for specifying the weight of materials, hardware like nails, screws or for delivery charges when ordering materials from another city.

- Mililitres(ml), Liters (l) and Gallons (gal): These units are used for specifying the quantity of paint, adhesive/glue or specifying the capacity of water tanks.

It's essential for you to be proficient in these units, as you'll encounter with them regularly and will need to convert one to another for easy understanding, clarity and communication with other people to ensure the success of your Interior design projects.

FOR ALL YOUR METRIC CONVERSIONS, REMEMBER THIS :

King	Kilo metre	1
Henry	Hecto metre	10
Died	Deca metre	100
Mother	Metre	1000
Did-not	Deci metre	10000
Cry	Centi metre	100000
Much	Mili metre	1000000

'King Henry died, mother didn't cry much'
is a quick catchphrase to remember metric unit conversions.
Here, all units have a difference of 10

For eg. m to mm (3 skips)
-> 1m = 1000mm (3 zeros)

CONVERSIONS LIST :

- cm → (x 10) → mm → (/ 10) → cm
- m → (x 100) → cm → (/ 100) → m
- m → (x 1000) → mm → (/ 1000) → m
- feet → (x 12) → inches → (/ 12) → feet
- mm → (/ 25) → inches → (x 25) → mm
  / 25.4 accurately — x 25.4 accurately
- mm → (/ 25 / 12) → feet → (x 25 x 12) → mm
  / 25.4 / 12 accurately — x 25.4 x 12 accurately

Or

- mm → (/ 305) → feet → (x 305) → mm
  / 304.8 accurately — x 304.8 accurately
- m → (x 3.3) → feet → (/ 3.3) → m
  x 3.281 accurately — / 3.281 accurately
- cm → (x 10 / 25) → inches → (/ 10 x 25) → cm
  x 10 / 25.4 accurately — / 10 x 25.4 accurately

Or

- cm → (x 0.4) → inches → (/ 0.4) → cm
  x 0.39 accurately — / 0.39 accurately
- cm → (x 10 / 25 / 12) → feet → (x 12 x 25 / 10) → cm
  x 10 / 25.4 / 12 accurately — x 12 x 25.4 / 10 accurately

CONVERSIONS LIST :

Or • cm —(/ 30)→ feet —(x 30)→ cm
(/ 30.48 accurately; x 30.48 accurately)

• X feet Y inch —(X feet x 12 + Y inch)→ inches

• inches —(/ 12)→ X decimal feet
↓ (using the table below)
X feet Y inches

feet	inch
0.08	1
0.17	2
0.25	3
0.34	4
0.42	5
0.5	6
0.58	7
0.67	8
0.75	9
0.84	10
0.92	11
1	12

For eg. 70 inches to X feet Y inches
-> 70 / 12 = 5.8333 feet or 5.84 feet
-> 5.84 feet = 5 feet 10 inches
(since 0.84 feet = 10 inches)

CONVERSIONS LIST :

Or, Simply :

For eg. 70 inches to X feet Y inches

-> 12 x 5 = 60 (highest multiple of 12, less than 70)

-> 70 - 60 = 10

i.e. 5 feet 10 inches

- sq. inch —(/ 144 / (12 x 12))→ sq. feet —(x 144 x (12 x 12))→ sq. inch
- cubic inch —(/ 1728 / (12 x 12 x 12))→ cubic feet —(x 1728 x (12 x 12 x 12))→ cubic inch
- sq. feet —(/ 10.8 / 10.764 accurately)→ sq. metre —(x 10.8 / 10.764 accurately)→ sq. feet
- cubic feet —(/ 35 / 35.315 accurately)→ cubic metre —(x 35 x 35.315 accurately)→ cubic feet
- g —(/ 1000)→ kg —(x 1000)→ g
- ml —(/ 1000)→ l —(x 1000)→ ml
- l —(/ 3.8 / 3.785 accurately)→ gallon —(x 3.8 x 3.785 accurately)→ l

GUIDE TO THE CONVERSIONS LIST :

HOW TO USE:

- mm —— / 12 / 25 ——→ feet —— x 12 x 25 ——→ mm
  / 12 / 25.4 accurately — x 12 x 25.4 accurately

Or

- mm —— / 305 ——→ feet —— x 305 ——→ mm
  / 304.8 accurately — x 304.8 accurately

Eg 1. What's 900mm in feet?

-> 900mm / 12 / 25
-> 75 / 25
-> 3 feet

Or -> 900mm / 305
-> 3 feet

Eg 2. What's 11 feet in mm?

-> 11 feet x 12 x 25
-> 132 x 25
-> 3300 mm

Or -> 11 feet x 305
-> 3300 mm

NOTE:

We take rounded off value like 25 & 305 for quick calculations.
For accurate calculations/measurements, take 25.4 & 304.8 as mentioned below the arrow.

Rounded off value is majorly used in calculations, especially where we want a larger scale result like feet/metre/cm.
If the situation demands and/or for small scale conversion results like mm/inches, you may take the accurate value.

NEXT STEPS:

- Keep this e-book in your phone always
  For a quick reference in need

- Print pages important to you
  I'd suggest pages 5, 6 & 7

- Stick on the wall where you work
  It'll help you while designing and using material catalogues for your projects

- Learn these conversions
  It may seem daunting at first but it's really easy trust me. You just have to understand why it's being multiplied or divided by that particular number

- Practice
  Even if you don't learn these, practicing on a regular basis will be beneficial

If you found this helpful,
be sure to follow me on
Instagram *(if you don't already)*
for business building content
and updates on my other
upcoming offerings. I have a
lot in store for you!

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