

Celsius to Fahrenheit Conversion Chart

This comprehensive conversion chart provides a quick reference for converting between celsius (c) and fahrenheit (f).

The relationship between celsius and fahrenheit is: 1 celsius = 33.80 fahrenheit or 1 fahrenheit = -17.22 celsius

Conversion Formulas:

To convert celsius to fahrenheit: Fahrenheit = Celsius $\times$ 9/5 + 32

Common Conversions (1-100 c)

Celsius (c)	Fahrenheit (f)	Celsius (c)	Fahrenheit (f)
1 c	33.80 f	51 c	123.80 f
2 c	35.60 f	52 c	125.60 f
3 c	37.40 f	53 c	127.40 f
4 c	39.20 f	54 c	129.20 f
5 c	41.00 f	55 c	131.00 f
6 c	42.80 f	56 c	132.80 f
7 c	44.60 f	57 c	134.60 f
8 c	46.40 f	58 c	136.40 f
9 c	48.20 f	59 c	138.20 f

10 c	50.00 f	60 c	140.00 f
11 c	51.80 f	61 c	141.80 f
12 c	53.60 f	62 c	143.60 f
13 c	55.40 f	63 c	145.40 f
14 c	57.20 f	64 c	147.20 f
15 c	59.00 f	65 c	149.00 f
16 c	60.80 f	66 c	150.80 f
17 c	62.60 f	67 c	152.60 f
18 c	64.40 f	68 c	154.40 f
19 c	66.20 f	69 c	156.20 f
20 c	68.00 f	70 c	158.00 f
21 c	69.80 f	71 c	159.80 f
22 c	71.60 f	72 c	161.60 f
23 c	73.40 f	73 c	163.40 f
24 c	75.20 f	74 c	165.20 f
25 c	77.00 f	75 c	167.00 f
26 c	78.80 f	76 c	168.80 f
27 c	80.60 f	77 c	170.60 f
28 c	82.40 f	78 c	172.40 f
29 c	84.20 f	79 c	174.20 f
30 c	86.00 f	80 c	176.00 f
31 c	87.80 f	81 c	177.80 f
32 c	89.60 f	82 c	179.60 f

33 c	91.40 f	83 c	181.40 f
34 c	93.20 f	84 c	183.20 f
35 c	95.00 f	85 c	185.00 f
36 c	96.80 f	86 c	186.80 f
37 c	98.60 f	87 c	188.60 f
38 c	100.40 f	88 c	190.40 f
39 c	102.20 f	89 c	192.20 f
40 c	104.00 f	90 c	194.00 f
41 c	105.80 f	91 c	195.80 f
42 c	107.60 f	92 c	197.60 f
43 c	109.40 f	93 c	199.40 f
44 c	111.20 f	94 c	201.20 f
45 c	113.00 f	95 c	203.00 f
46 c	114.80 f	96 c	204.80 f
47 c	116.60 f	97 c	206.60 f
48 c	118.40 f	98 c	208.40 f
49 c	120.20 f	99 c	210.20 f
50 c	122.00 f	100 c	212.00 f

Practical Equivalents

Temperature References:

- Water Freezing Point: 0°C = 32°F
- Room Temperature: 20-22°C = 68-72°F
- Body Temperature: 37°C = 98.6°F
- Water Boiling Point: 100°C = 212°F
- Equal Temperature Point: -40°C = -40°F

How to Convert Celsius to Fahrenheit

To convert celsius to fahrenheit, multiply your c value by 9/5 and add 32.

Formula: $^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$

Examples:

- $5^{\circ}\text{C} = (5 \times 9/5) + 32 = 41.0^{\circ}\text{F}$
- $10^{\circ}\text{C} = (10 \times 9/5) + 32 = 50.0^{\circ}\text{F}$
- $25^{\circ}\text{C} = (25 \times 9/5) + 32 = 77.0^{\circ}\text{F}$

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