

Pressure Conversion Chart



To convert pressure from one unit to another:

1. Start at column heading with units to convert from.
2. Move down the same column to number "1".
3. Move across this row to the column with units heading you are converting to.
4. Multiply the number in this cell with the value you are converting from to get the new value in converted units.

| psi | atms. | inch WC | mm WC | cm WC | oz/in ² | Kg/cm ² | inch Hg | mm Hg | cm Hg | mbar | bar | Pa (N/m ²) | KPa | MPa |
|----------|----------|---------|---------|----------|--------------------|--------------------|----------|--------|---------|--------|----------|------------------------|--------|----------|
| 1 | 0.0681 | 27.71 | 703.8 | 70.38 | 16 | 0.0704 | 2.036 | 51.715 | 5.17 | 68.95 | 0.0689 | 6,895 | 6.895 | 0.0069 |
| 14.7 | 1 | 407.2 | 10,343 | 1,034.30 | 235.1 | 1.033 | 29.92 | 760 | 76 | 1013 | 1.013 | 101,325 | 101.3 | 0.1013 |
| 0.0361 | 0.00246 | 1 | 25.4 | 2.54 | 0.5775 | 0.00254 | 0.0735 | 1.866 | 0.187 | 2.488 | 0.00249 | 248.8 | 0.249 | 0.00025 |
| 0.001421 | 0.000097 | 0.0394 | 1 | 0.1 | 0.0227 | 0.0001 | 0.00289 | 0.0735 | 0.00735 | 0.098 | 0.000098 | 9.8 | 0.0098 | 0.00001 |
| 0.01421 | 0.000967 | 0.3937 | 10 | 1 | 0.227 | 0.001 | 0.0289 | 0.735 | 0.0735 | 0.98 | 0.00098 | 98 | 0.098 | 0.0001 |
| 0.0625 | 0.00425 | 1.732 | 43.986 | 4.4 | 1 | 0.0044 | 0.1273 | 3.232 | 0.3232 | 4.31 | 0.00431 | 431 | 0.431 | 0.00043 |
| 14.22 | 0.968 | 394.1 | 10001 | 1000.1 | 227.6 | 1 | 28.96 | 735.6 | 73.56 | 980.7 | 0.981 | 98,067 | 98.07 | 0.0981 |
| 0.4912 | 0.03342 | 13.61 | 345.7 | 34.57 | 7.858 | 0.0345 | 1 | 25.4 | 2.54 | 33.86 | 0.0339 | 3,386 | 3.386 | 0.00339 |
| 0.01934 | 0.001316 | 0.536 | 13.61 | 1.361 | 0.31 | 0.00136 | 0.0394 | 1 | 0.1 | 1.333 | 0.001333 | 133.3 | 0.1333 | 0.000133 |
| 0.1934 | 0.01316 | 5.358 | 136.1 | 13.61 | 3.1 | 0.0136 | 0.394 | 10 | 1 | 13.33 | 0.01333 | 1,333 | 1.333 | 0.00133 |
| 0.0145 | 0.000987 | 0.4012 | 10.21 | 1.021 | 0.2321 | 0.00102 | 0.0295 | 0.75 | 0.075 | 1 | 0.001 | 100 | 0.1 | 0.0001 |
| 14.504 | 0.987 | 401.9 | 10,210 | 1,021 | 232.1 | 1.02 | 29.53 | 750 | 75 | 1,000 | 1 | 100,000 | 100 | 0.1 |
| 0.000145 | 0.00001 | 0.00402 | 0.102 | 0.0102 | 0.00232 | 0.00001 | 0.000295 | 0.0075 | 0.00075 | 0.01 | 0.00001 | 1 | 0.001 | 0.000001 |
| 0.14504 | 0.00987 | 4.019 | 102.07 | 10.207 | 2.321 | 0.0102 | 0.295 | 7.5 | 0.75 | 10 | 0.01 | 1,000 | 1 | 0.001 |
| 145.04 | 9.869 | 4019 | 102,074 | 10,207 | 2321 | 10.2 | 295.3 | 7500 | 750 | 10,000 | 10 | 1,000,000 | 1,000 | 1 |