

Pressure gradient

[@wikipedia](#)

Vector value showing a spatial [gradient](#) of [pressure](#):

$$\nabla p = \frac{dp}{d\mathbf{l}}$$

Sometimes explicit notation is used: $\text{grad } p = \nabla p$

The absolute value of [pressure gradient](#) $|\nabla p|$ is showing the pressure difference, normalized by the distance at which the pressure is measured.

See also

[Mathematics](#) / [Calculus](#)

[Physics](#)