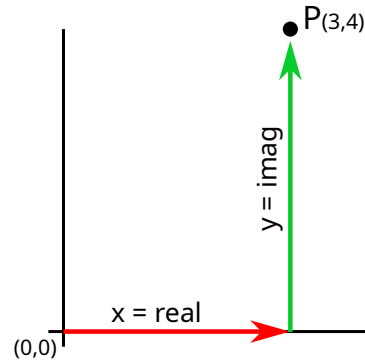


Z Complex (orthogonaal)



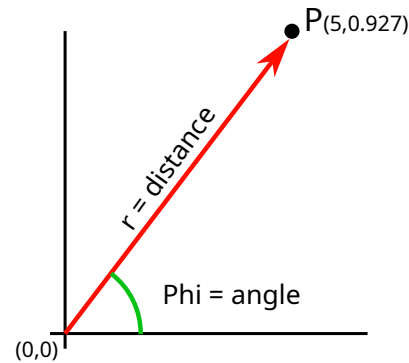
Constructors:

$z1 = 3+4j$
 $z2 = (3+4j)$
 $z3 = \text{complex}(3,4)$

other:

$x = z.\text{real}$
 $y = z.\text{imag}$

V Complex (polar)

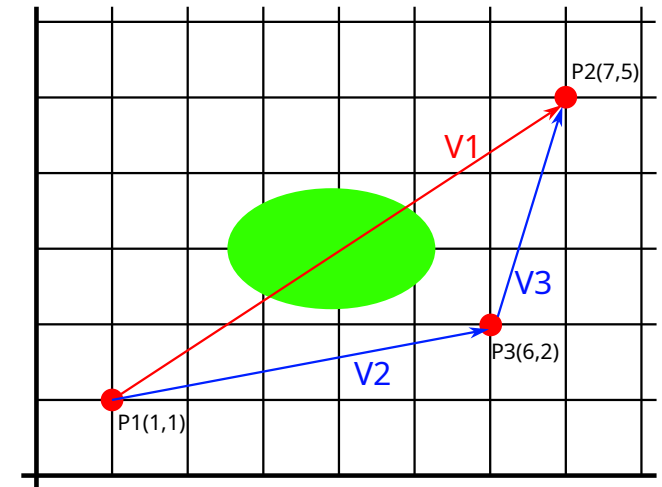


Constructors:

$v = (5, 0.927)$

other:

$r = \text{abs}(z)$
 $\text{phi} = \text{cmath.phase}(z)$



$$V1 = P2 - P1$$

$$V2 = P3 - P1$$

$$V1 = V2 + V3$$

$$V3 = V1 - V2$$

$$v = \text{cmath.polar}(z)$$

$$z = \text{cmath.rect}(*v)$$

Math on Z:

$+, -, *, /$ built-in
 $\text{pwr}, \log, \text{tri-gonio} \ \& \ \text{hyperbolic}$ cmath

Python - Complex



2026-04-10 python_complex.svg

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