

# Greek Alphabet

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Name	Capital	Small	Commonly Used to Designate
Alpha	A	$\alpha$	Angles, coefficients, attenuation
Beta	B	$\beta$	Angles, coefficients, phase constant
Gamma	$\Gamma$	$\gamma$	Complex propagation constant (cap), electrical conductivity, propagation constant
Delta	$\Delta$	$\delta$	Increment or decrement (cap or small), density, angles
Epsilon	E	$\epsilon$	Permittivity
Zeta	Z	$\zeta$	Coordinates, coefficients
Eta	H	$\eta$	Efficiency, coordinates
Theta	$\Theta$	$\theta$	Angular phase displacement
Iota	I	$\iota$	
Kappa	K	$\kappa$	Susceptibility, coupling coefficient
Lambda	$\Lambda$	$\lambda$	Permeance (cap), wavelength
Mu	M	$\mu$	Permeability, prefix micro
Nu	N	$\nu$	Frequency
Xi	$\Xi$	$\xi$	Coordinates
Omicron	O	$\omicron$	
Pi	$\Pi$	$\pi$	Product (cap), 3.14159265...
Rho	P	$\rho$	Resistivity, volume charge density, coordinates
Sigma	$\Sigma$	$\sigma$	Summation (cap), surface charge density, electrical conductivity
Tau	T	$\tau$	Time constant
Upsilon	Y	$\upsilon$	
Phi	$\Phi$	$\phi$	Magnetic flux (cap), scalar potential, angles
Chi	X	$\chi$	Electric susceptibility, angles
Psi	$\Psi$	$\psi$	Electric flux (cap), coordinates
Omega	$\Omega$	$\omega$	Resistance in ohms (cap), solid angle (cap), angular frequency

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Note: Small letter is used except where capital (cap) is indicated.