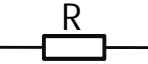
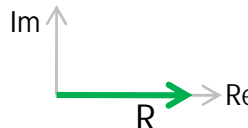

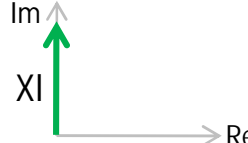
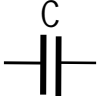

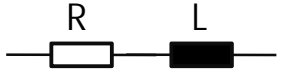
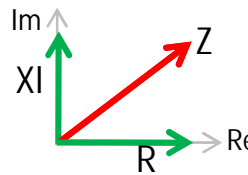
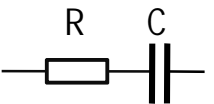
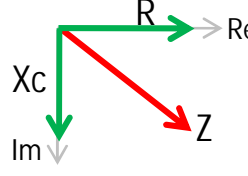
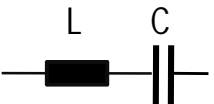

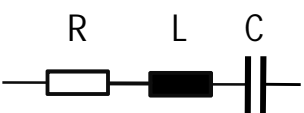
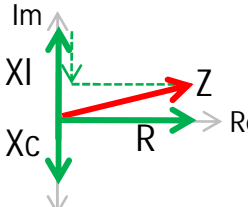


	X (Reaktanz)	Z=(Re)+j(Im)	Zeiger	Z	Winkel
		$Z = R$		$ Z = R$	$\varphi = 0^\circ$
	$X_L = \omega \cdot L$	$Z = jX_L$		$ Z = X_L$	$\varphi = +90^\circ$
	$X_C = \frac{1}{\omega \cdot C}$	$Z = -jX_C$		$ Z = X_C$	$\varphi = -90^\circ$
	$X_L = \omega \cdot L$	$Z = R + jX_L$		$ Z = \sqrt{R^2 + X_L^2}$	$\varphi = \arctan\left(\frac{X_L}{R}\right)$
	$X_C = \frac{1}{\omega \cdot C}$	$Z = R - jX_C$		$ Z = \sqrt{R^2 + X_C^2}$	$\varphi = \arctan - \left(\frac{1}{R \cdot \omega \cdot C}\right)$
	$X_{LC} = X_L - X_C$	$Z = j(X_L - X_C)$		$ Z = X_L - X_C$	$\varphi = \pm 90^\circ$
	$X_{LC} = X_L - X_C$	$Z = R + j(X_L - X_C)$		$ Z = \sqrt{R^2 + (X_L - X_C)^2}$	$\varphi = \arctan\left(\frac{X_L - X_C}{R}\right)$