

Resistor Colour Code Chart

color		first digit	second digit	multiplier	tolerance
		resistance value Ω			%
	none	—	—	—	$\pm 20\%$
	silver	—	—	10^{-2}	$\pm 10\%$
	gold	—	—	10^{-1}	$\pm 5\%$
	black	—	0	1	—
	brown	1	1	10	$\pm 1\%$
	red	2	2	10^2	$\pm 2\%$
	orange	3	3	10^3	—
	yellow	4	4	10^4	—
	green	5	5	10^5	$\pm 0,5\%$
	blue	6	6	10^6	$\pm 0,25\%$
	violet	7	7	10^7	$\pm 0,1\%$
	gray	8	8	10^8	—
	white	9	9	10^9	—

