

Receptor Properties

	Rods	Cones
size	2×10^{-6} m	2×10^{-6} m
number	120 million	6 million
light sensitivity	high in dim light SCOTOPIC	higher in bright light PHOTOPIC
distribution	periphery	fovea
connectivity/ acuity	many-to-one low	one-to-one high
photopigments	1 (rhodopsin) <i>no color vision</i>	3† <i>color vision</i>

† 4-5 photopigments have recently been identified in humans