

Visual Field Sizes & Terminology (Diameters; not Radii)

Region	Terminology in perimetry (e.g. Lachenmayr; Schiefer)			Rönne (1915)*
	Wandell (1995)	Polyak (1941)	Schiefer	
Central Island (where cones have maximum length)		0.17° – 0.24°		
Foveola	1°	1.4°		
Avascular area		1.4° – 2.3°		
Rod-free area		1.7° – 2°		
Fovea	5.2°	5.2°		
Parafovea	~ 5° – 9°	8.6°		
Perifovea	~ 9° – 17°	19°		
Macula	~ 17°	17°		
Near periphery		29°		
Middle periphery		50°		
Central visual field			± 30° = 60°	
Total size horizontal				60° nasal – 107° temporal
Total size vertical				80° lower – 70° upper

*Rönne, H. (1915): Zur Theorie und Technik der Bjerrumschen Gesichtsfelduntersuchung. Arch f Augenheilkunde, Bd 78, Heft 4. Cited after Traquair, H.M. (1938): An introduction to clinical perimetry. Henry Kimpton, London.

For current data from perimetry see: Vonthein R. et al. (2007). The normal age-corrected and reaction-time-corrected isopter derived by semiautomated kinetic perimetry. Ophthalmology 114, 1065-1072.