

Segments

■ Anterior segment of globe

- Portion of eye in front of anterior margin of vitreous (hyaloid face)
 - » Ciliary body, suspensory ligaments and lens
 - » Anterior and posterior chambers
 - » Iris
 - » Cornea

■ Posterior segment of globe

- Vitreoretinal portion of the eye and its layers
 - » Vitreous chamber
 - » Retina
 - » Choroid
 - » Sclera

Chambers

■ Anterior chamber

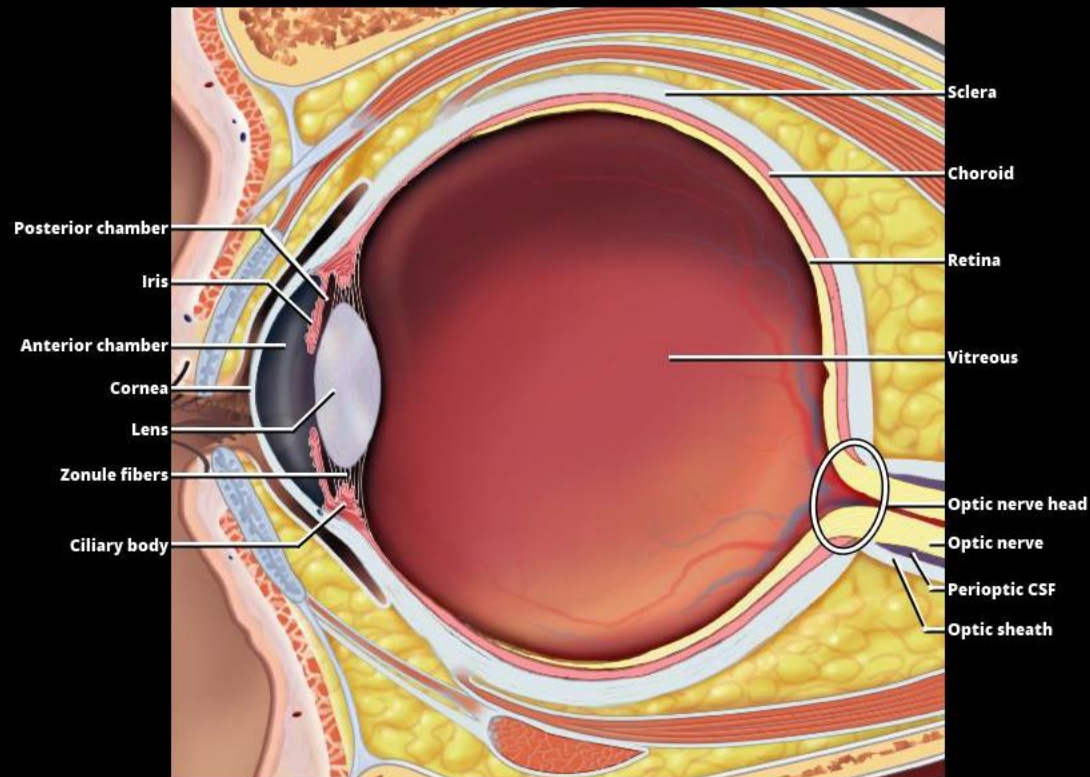
- Major chamber of anterior segment
- Between cornea and iris
- Filled with aqueous humor which provides nutrition and structure

■ Posterior chamber

- Small potential space posterior to iris and anterior to lens/ligament complex
- Contiguous with anterior chamber through pupil

■ Vitreous chamber

- Large chamber that fills posterior segment
- Filled with viscoelastic transparent gel



Sagittal graphic shows that the anterior and posterior chambers of the anterior segment are contiguous through the pupil.

The choroid and iris are anterior extensions of the uveal tract.

The posterior segment is filled by the vitreous chamber. The retina and sclera are contiguous with the optic nerve and sheath, respectively, at the nerve head.

Globe Anatomy

