

## Parts of the Eye

Conjunctiva = surface of the eye and inner eyelid,  
keeps eyeball moist

1. Cornea = clear bulging surface, directs light into  
the eye

2. Aqueous Humor = fluid filled anterior chamber  
in the front of the eye, gives eye shape  
and helps focus light

3. Iris = colored part of the eye, helps regulate  
the amount of light entering

4. Pupil = opening in the eye (iris control size) where  
light enters the eye

5. Lens = focuses light and images onto the retina

6. Ciliary Body = structure containing muscle that  
helps focus the lens

7. Suspensory Ligament = connects the ciliary muscle  
to the lens, pushes and pulls on lens to focus it

8. Sclera = tough outer layer, "white" part of your  
eye, provides flexibility, strength, and protection

9. Choroid Coat = layer of blood vessels that feed the eye with blood, "blood shot eyes", visine works on this layer

10. Retina = light sensitive layer on the back of the eye, covered in photosensitive cells

Rods = 120 million, low light, light vs dark, shape, movement

Cones = 6 million, color, work only with light

11. Vitreous Humor = posterior fluid filled chamber in the back of the eye, gives it shape and helps focus light

12. Optic Nerve = relays signals from the retina to the occipital lobe of the brain

13. Fovea = spot of highly concentrated cones (and a few rods) that provides our clearest vision

14. Blindspot = back of the eye, right in front of the optic nerve where there is no retina