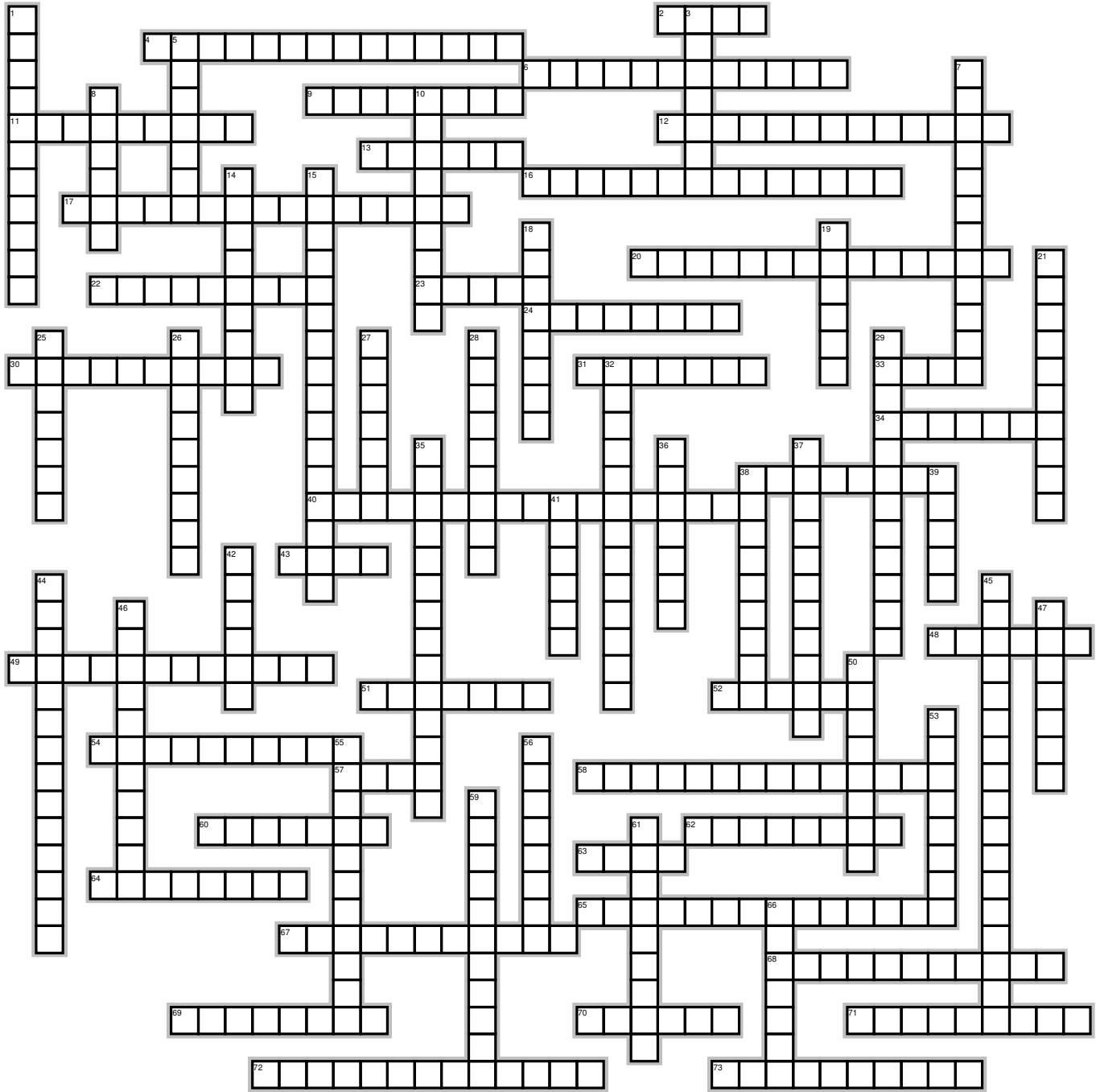


# Ch 8 Special Senses

Created by S. Read with EclipseCrossword — [www.eclipsecrossword.com](http://www.eclipsecrossword.com)



## Word bank

ACCOMMODATION    ANOSMIAS    AQUEOUS    ASTIGMATISM    AURICLE    BINOCULAR    CATARACT  
CERUMEN    CHEMORECEPTORS    CHOROID    CILIARYBODY    CIRCUMVALLATE    COCHLEA  
COLORBLINDNESS    CONJUNCTIVA    CONJUNCTIVITIS    CONVERGENCE    CONVEX    CORNEA  
CUPULA    DEPTHPERCEPTION    DYNAMIC    ENDOLYMPH    EXTRINSIC    FOVEACENTRALIS  
GLAUCOMA    GUSTATION    HYPEROPIA    INCUS    IRIS    LACRIMAL    LENS    LYSOZYME

# Ch 8 Special Senses

Created by S. Read with EclipseCrossword — www.eclipsecrossword.com

## Word bank

MALLEUS MECHANORECEPTORS MEIBOMIAN MIDDLE MYOPIA NASOLACRIMAL  
OLFACTORYCELLS OPTICDISC OPTICNERVES ORGANOF CORTI OSSICLES OTITIS MEDIA  
OTOLITH OTOSCLEROSIS OVALWINDOW PHOTOPUPILLARY PHOTORECEPTORS  
PRESBYCUSIS PRESBYOPIA REFRACT RETINA RHODOPSIN RODS SALT SCHLEMM  
SCLERA SEMICIRCULAR SENSORINEURAL SENSORYADAPTATION SOUR STATIC  
STRABISMUS SWEET TASTEBUD TECTORIALMEMBRANE TEMPORAL TYMPANIC VERTIGO  
VESTIBULAR VESTIBULE VITREOUS

## Across

2. Taste receptors that pick up metal ions.
4. 2 wds. Hereditary vision condition that is sex-linked.
6. Canals in inner ear that deal with balance.
9. Clouding of the cornea or lens.
11. Kind of vision that allows us to see in 3D.
12. Changing the shape of the lens to focus.
13. Nearsightedness
16. 2 wds. Retinal area - most distinct & color vision perceived.
17. 2 wds. What dunking the pencil in a test tube represented.
20. Type of receptors which senses taste and smell.
22. Farsightedness.
23. Middle ossicle. AKA anvil.
24. Bone in which tympanic cavity is found.
30. Nerve that carries impulses for balance.
31. Canal which moves aqueous humor in the anterior chamber.
33. These function well in dim light; distinguish shades of grey.
34. Watery fluid (humor) between cornea and lens.
38. Gelatinous substance (humor) behind the lens.
40. 2 wds. Gel-like layer of inner ear that bends hairs of organ or corti.
43. Colored portion of the eye; adjusts light intensity.
48. Lens that is thicker in the center than the edge.
49. Duct formed by junction of lacrimal sacs; puts tears into nose.
51. Ossicle. AKA Hammer.
52. Layer made of rods and cones (AKA. Sensory tunic).
54. Decline in lens flexibility with age.
57. Taste buds that pick up acids (H+ ions).
58. "Pink eye".
60. Middle layer of eyeball.
62. Loss of smell.
63. Part of eye that adjusts or bends light rays to a focal point.
64. Membrane that passes vibrations to ossicles.
65. 2 wds. Light sensitive cells of the retina.
67. 2 wds. These carry impulses from eyes to the brain.
68. Thin, transparent membrane of eye.
69. Condition that results from too much fluid/pressure in the eye.
70. Gelatinous cap which senses dynamic equilibrium.
71. Muscle that causes an eyeball to move.
72. Type of deafness due to damage of nerve receptors.
73. 2 wds. Part of vestibule that the stapes hits.

## Down

1. Loss of hearing due to aging.
3. Directs sound into ear. AKA. pinna or external ear.
5. Calcium carbonate crystals; "ear stones" found in macula.
7. Fusion of ossicles; leading to conduction deafness.
8. First eye structure light passes through on its way to retina.

# Ch 8 Special Senses

Created by S. Read with EclipseCrossword — [www.eclipsecrossword.com](http://www.eclipsecrossword.com)

## Down

10. Photosensitive chemical in rods; AKA "visual purple".
14. Glands that secrete oil to keep eye lubricated.
15. Physical force receptors.
18. 2 wds. Special organ of gustation.
19. Tough, fibrous, white outer tunic of eye.
21. Cross-eyed.
25. Light waves do this when they hit the lens.
26. Sense of taste.
27. Kind of equilibrium controlled by semicircular canals and ampulla.
28. 2 wds. Blind spot on retina.
29. 3 wds. The sense receptors for sound are found in this location.
32. Type of papillae on the back of the tongue.
35. Constricting reflex of the iris in response to light.
36. Ear-wax.
37. 2 wds. Ear infection.
38. Antechamber of inner ear; where the stapes hits.
39. Taste sensed at the tip of your tongue.
41. Part of ear that includes ossicles & auditory tube.
42. Equilibrium controlled by the maculae.
44. 2 wds. Sense receptors in nasal cavity.
45. 2 wds. Results from continuous stimulation; basically brain gets tired of dealing with it.
46. 2 wds. Smooth muscle found inside eye to flex the lens.
47. Queazy feeling from whirling; dizzy.
50. Gland that secretes tears.
53. Tiny ear bones that pass on and amplify sound waves.
55. Condition resulting from abnormal curvature of the cornea.
56. Antibiotic part of tears.
59. Eye reflex when you look at something up close and your eyes cross.
61. Fluid w/in membranous inner ear.
66. Houses the organ of corti.