

Indices of Refraction

<u>Material</u>	<u>Index of Refraction</u>	<u>Material</u>	<u>Index of Refraction</u>
vacuum	1.0000	lucite or plexiglass	1.51
air	1.0003	crown glass	1.52
ice	1.31	sodium chloride	1.54
water (20 °C)	1.33	cd/dvd	1.55
acetone	1.36	polystyrene	1.57
ethyl alcohol	1.36	carbon disulfide	1.63
sugar solution (30%)	1.38	heavy flint glass	1.65
eye, lens	1.41	methylene iodide	1.74
fluorite	1.433	sapphire	1.77
fused quartz	1.458	zircon	1.94
glycerine	1.473	arsenic trisulfide glass	2.04
sugar solution (80%)	1.49	diamond	2.417