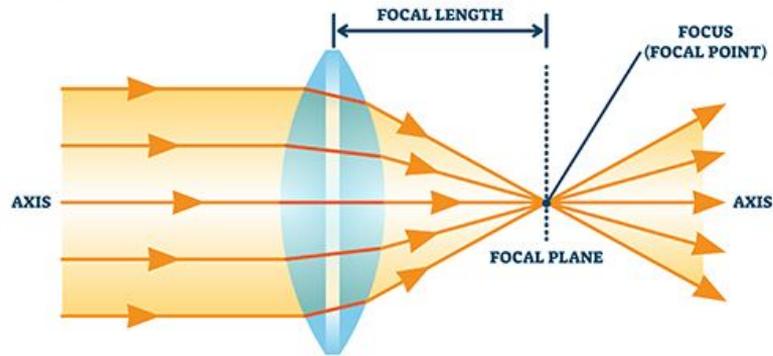


How focal length of the convex
lens depends on the
surrounding medium

If lens is placed in optically rarer medium

CONVEX LENS



<https://www.amnh.org/explore/ology/physics/see-the-light2/refraction>

If lens is placed in placed in medium having same optical density

The ray of light will not bend



If lens placed in surrounding medium have higher refractive index or is optically denser

It will make the image invisible because now the lens acts as concave lens and the image is virtual

