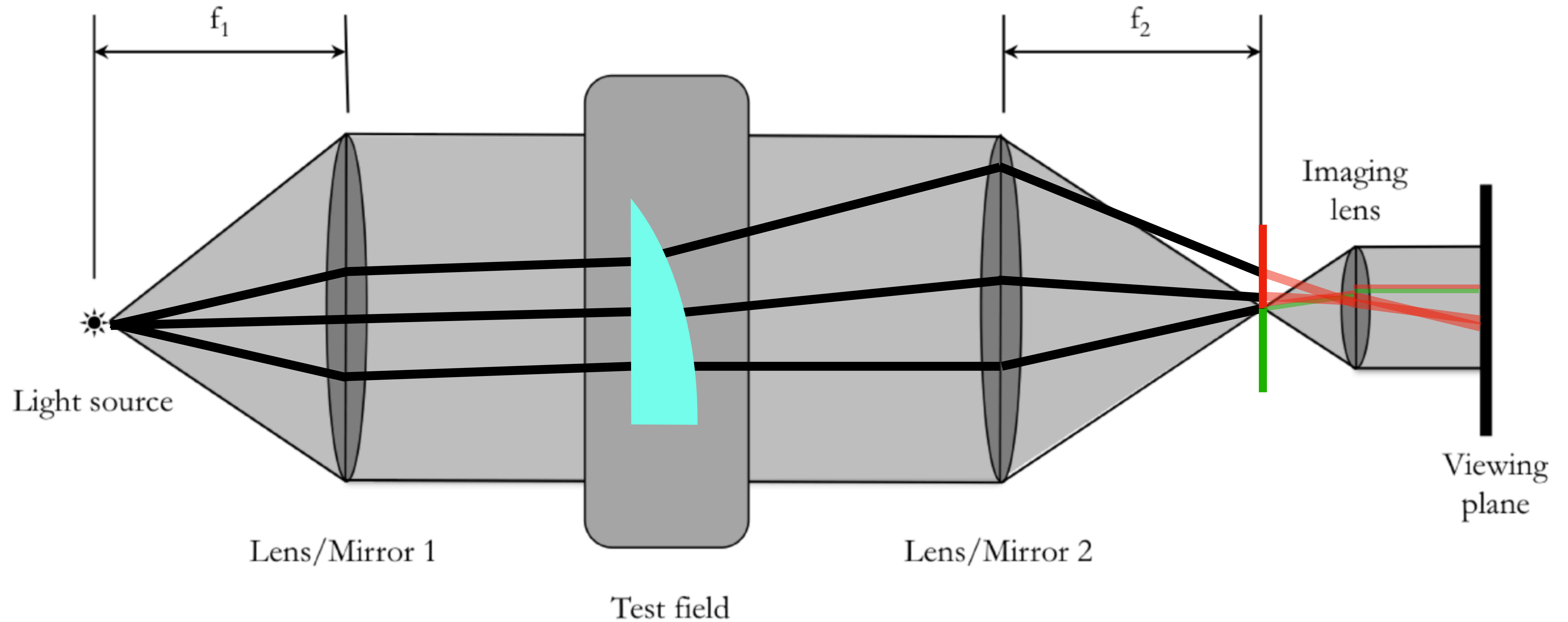


# Schlieren

Regions of the screen are red/greener than others.



# Schlieren

- With an empty test field: (1) the first mirror creates a collimated beam that passes through the test field, (2) the second mirror and lens images light from the test area (a collimated beam) onto the viewing plane.
- A uniform gradient will uniformly shift the color on screen
- *A change in the gradient* will create color shadows because light from the test field no longer focuses to a point.
- With a subject in the test field, a true image is no longer formed because the rays are no longer collimated and on-axis. However, since the light changes direction ever so slightly, we may assume that the image of the test area is still very good.