Depth of Field
Depth of Field, in its most basic sense, is controlled by the size of the aperture.
Aperture
Think of squinting.

f/2
Aperture
Think of squinting.

f/2.8
Aperture
Think of squinting.

\[ f/4 \]
Aperture
Think of squinting.

f/5.6
Aperture
Think of squinting.

f/8
Aperture
Think of squinting.

f/22
DoF: two extremes
**Narrow** Depth of Field

Large aperture, small f-number ($f/1.8$).
Wide Depth of Field
Small aperture, large f-number (f/64).

Ansel Adams
circle of confusion

focal point
circle of confusion

focal point

d

d

circle of confusion

d
circle of confusion

circle of confusion

d
focal point
circle of confusion
circle of confusion

$d$

$\downarrow d$
circle of confusion
circle of confusion

d

circle of confusion

d
Controlling Depth of Field

- size of aperture
- camera-to-subject distance
Controlling Depth of Field

- size of aperture
- camera-to-subject distance
A

f/1.4  1/60 sec
When to use **narrow** DoF?
When to use wide DoF?