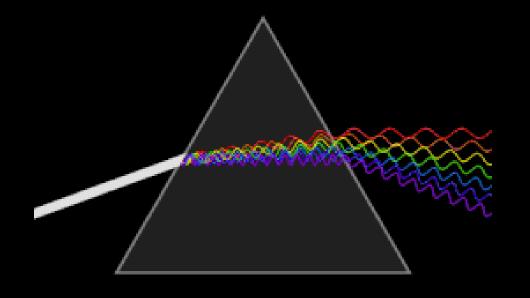
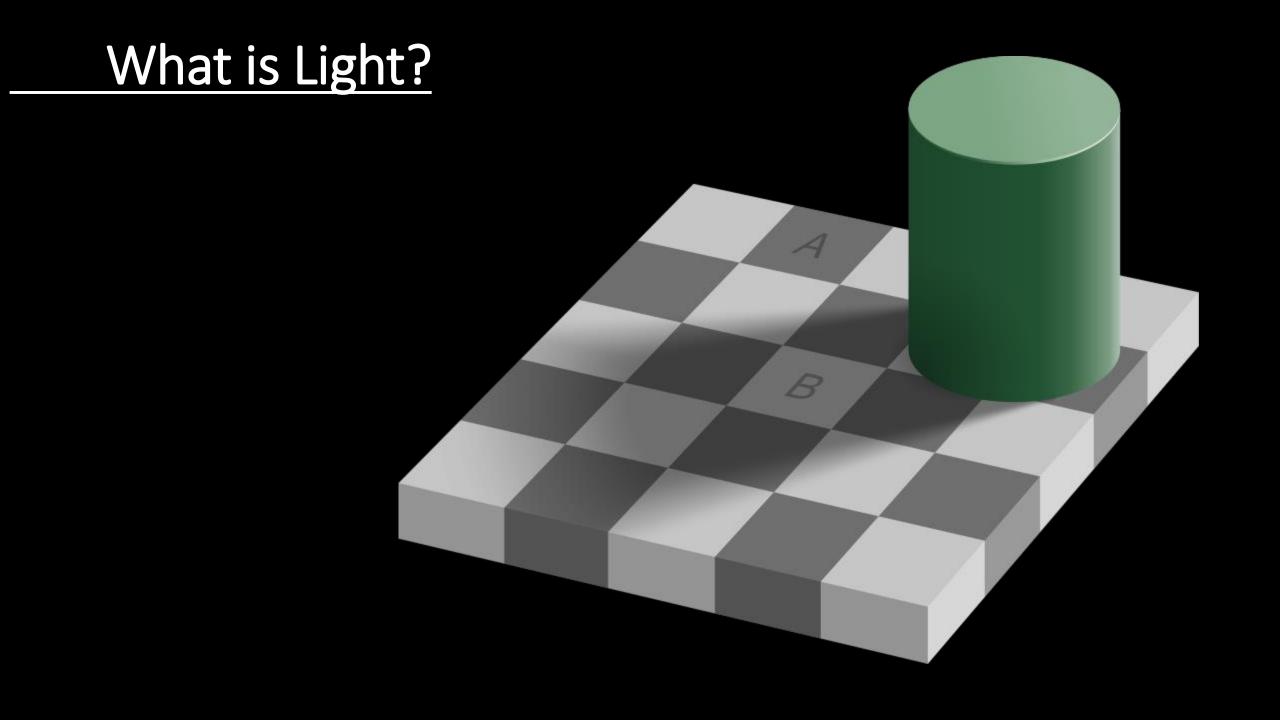
Understanding The Light

What is Light?

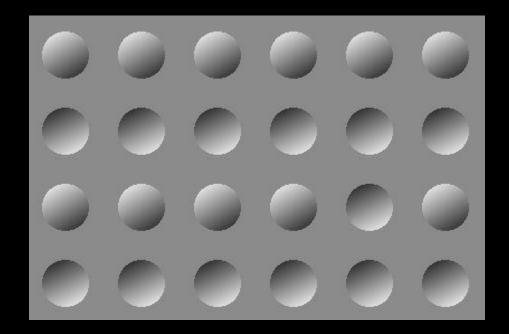
- Something that makes vision possible.
- The sensation aroused by stimulation of the visual receptors.
- Electromagnetic radiation of any wavelength that travels in a vacuum with a speed of 299,792,458 meters (about 186,000 miles) per second.



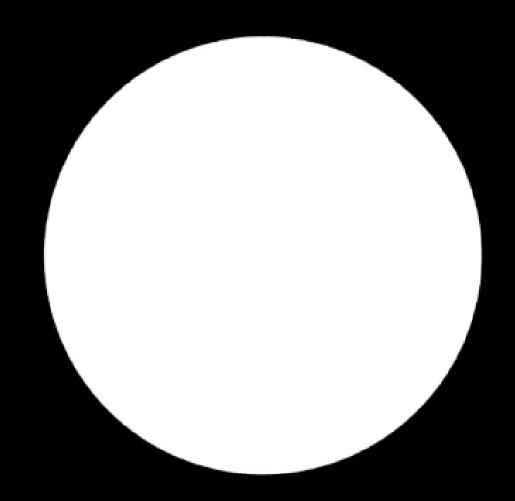


Elements of Light

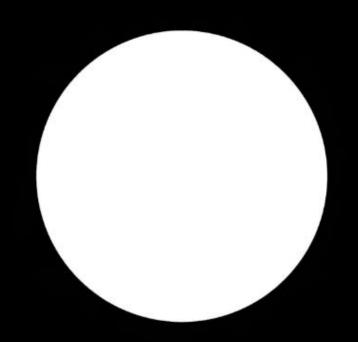
- Direction
- Size
- Color
- Readability
- Emphasis

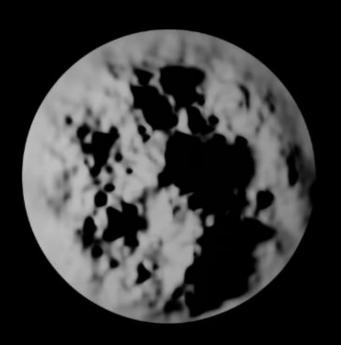


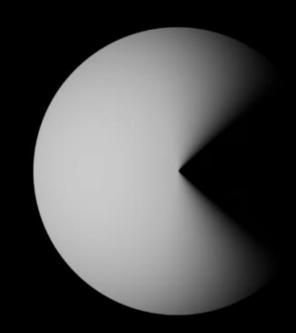
Why some shapes are bumpy some of them are cavitied?

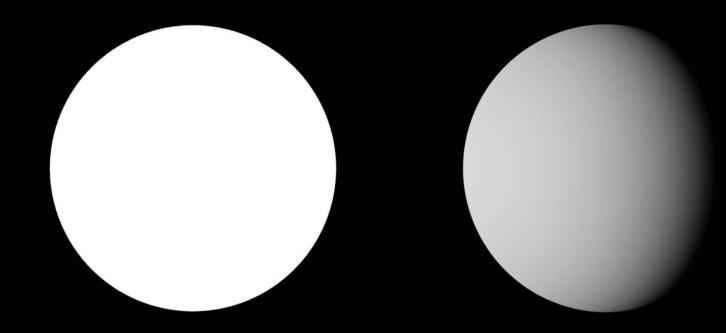


What is this Shape?







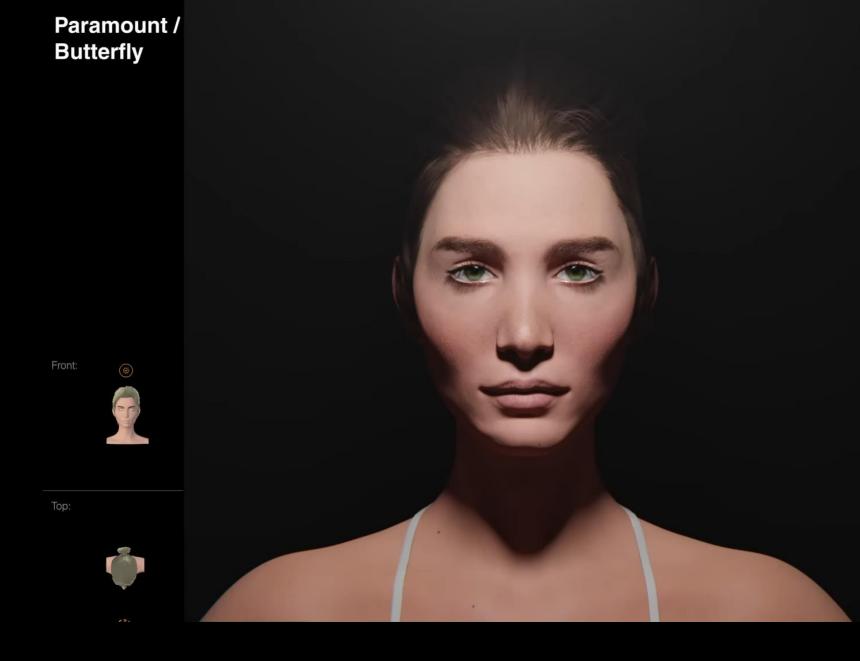


Direction creates shadow, shadow revals form.

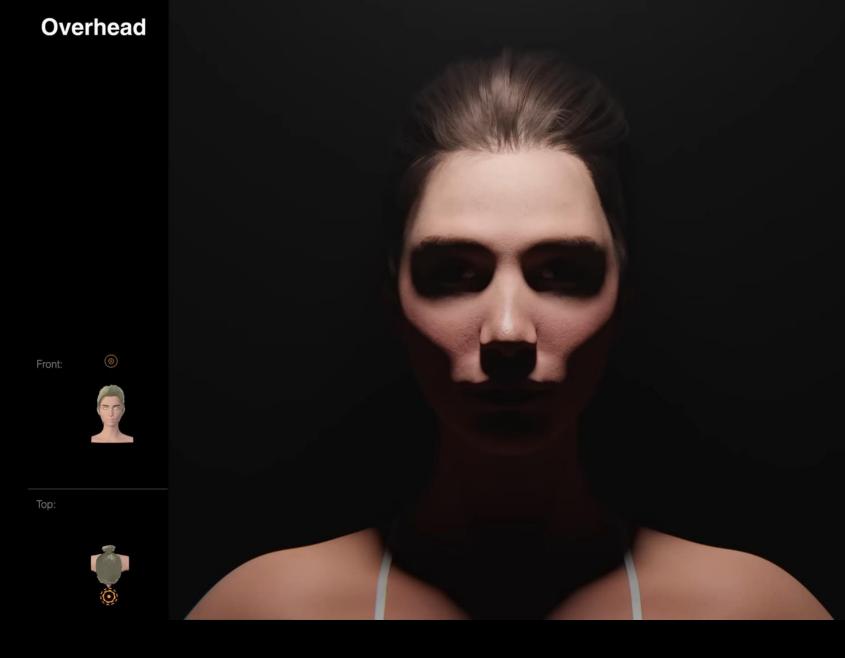
Flat



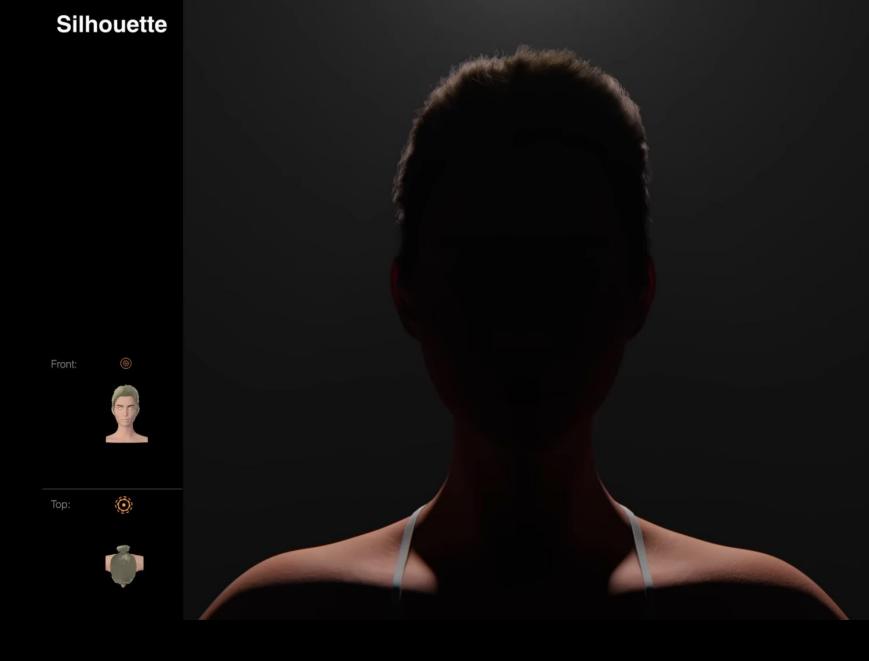
Flatten volume, emphasize color.



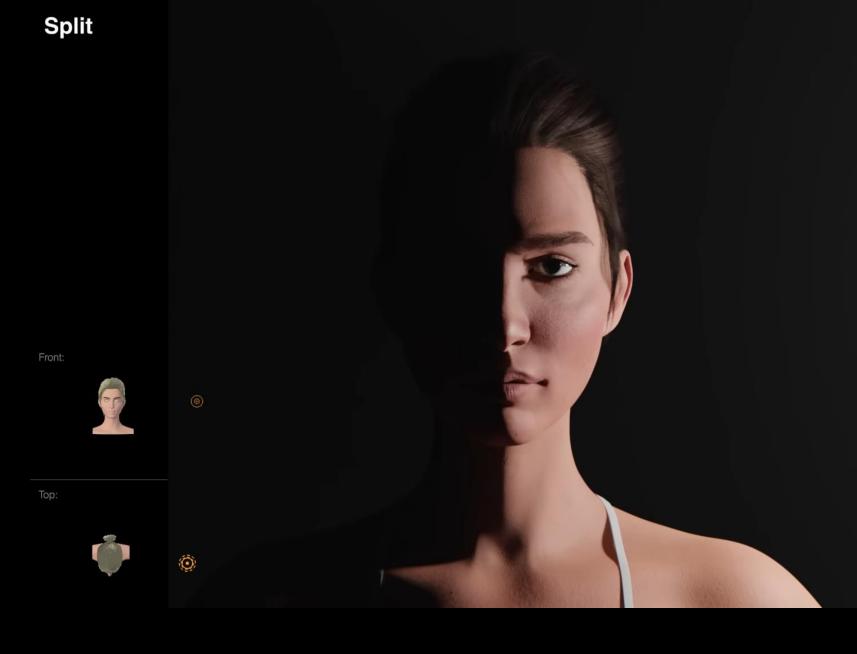
Neutral, flattering facial traits.



Unflattering, sinister.



Emphasizes silhouette, mysterious.

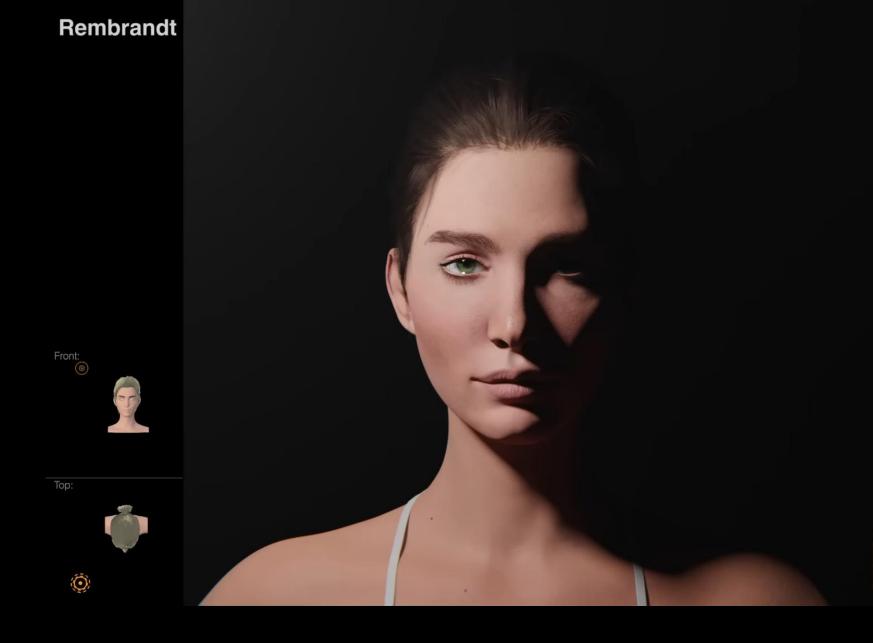


Mysterious.

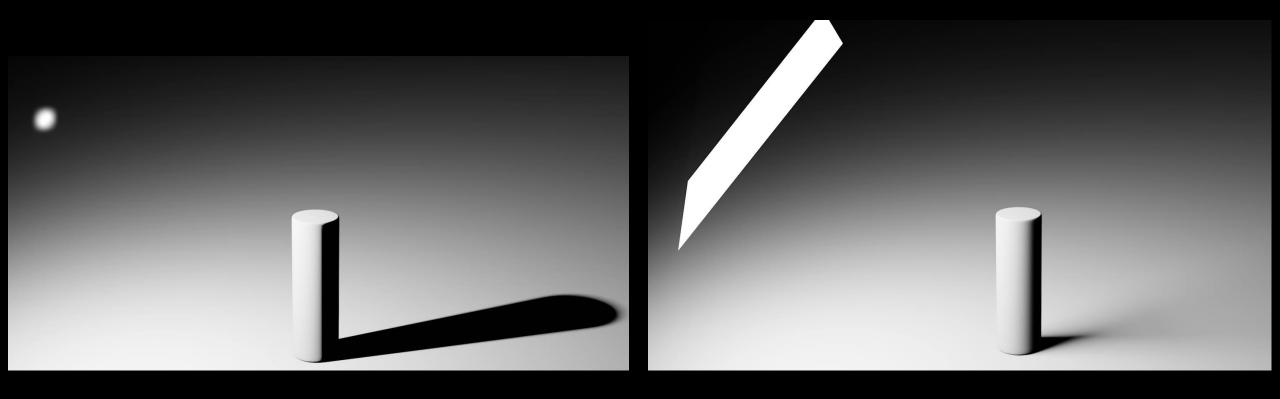
Underside



Unnatural, creepy.

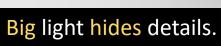


Neutral, shows accurate form.



Small light creates sharp shadow, big light creates smooth shadow





Small light shows details more.



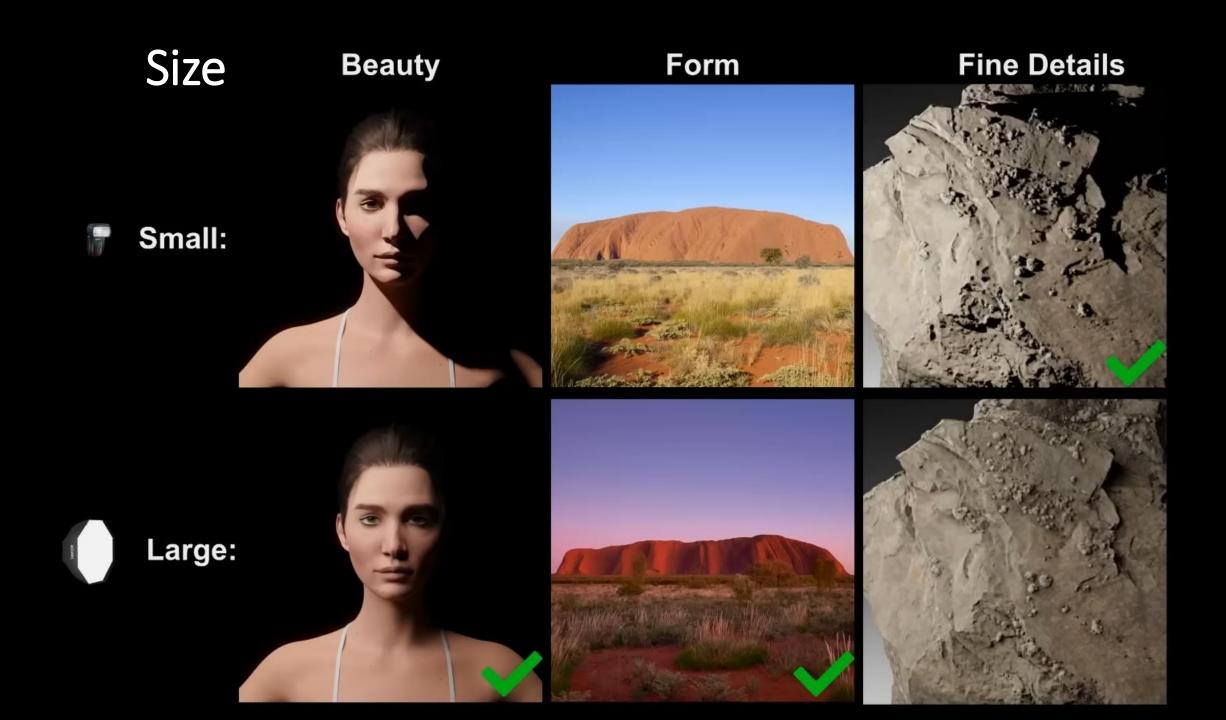




Which light size should be used?

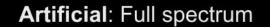


Noon vs Golden hour



Color

Natural: Kelvin





Signals temperature



Signals location or symbolism

Color/Natural

Natural Kelvin Blackbody Scale



Color/Natural

Daytime The "Blue Hour"













Location







Story or symbolism



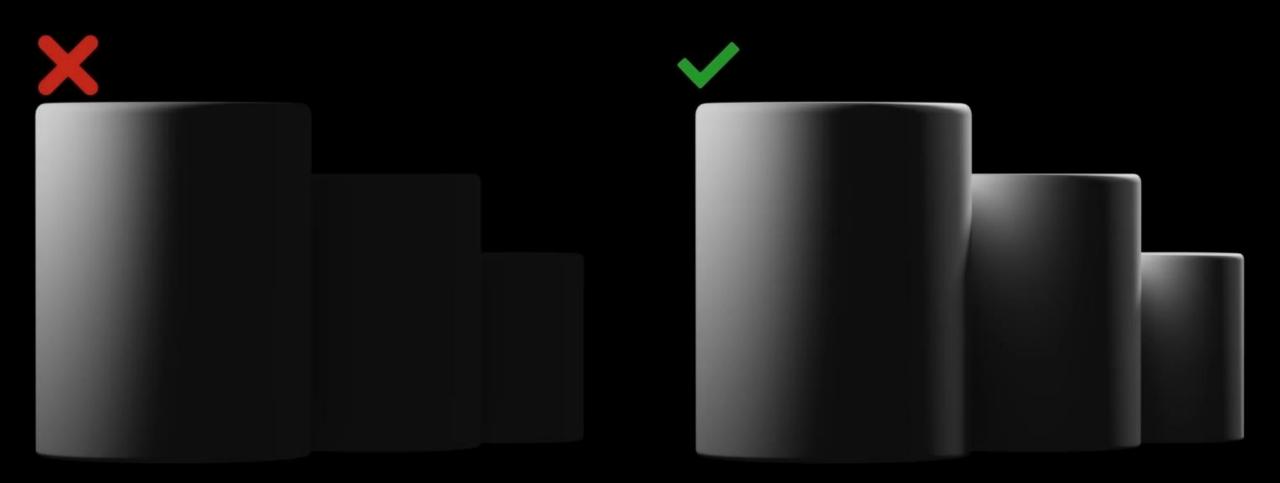
White

Kelvin Colors

Vibrant Kelvin + Green, Purple & Pink



Adequate Lighting





Object Separation/Rim lighting



Overused Rim Light vs Natural



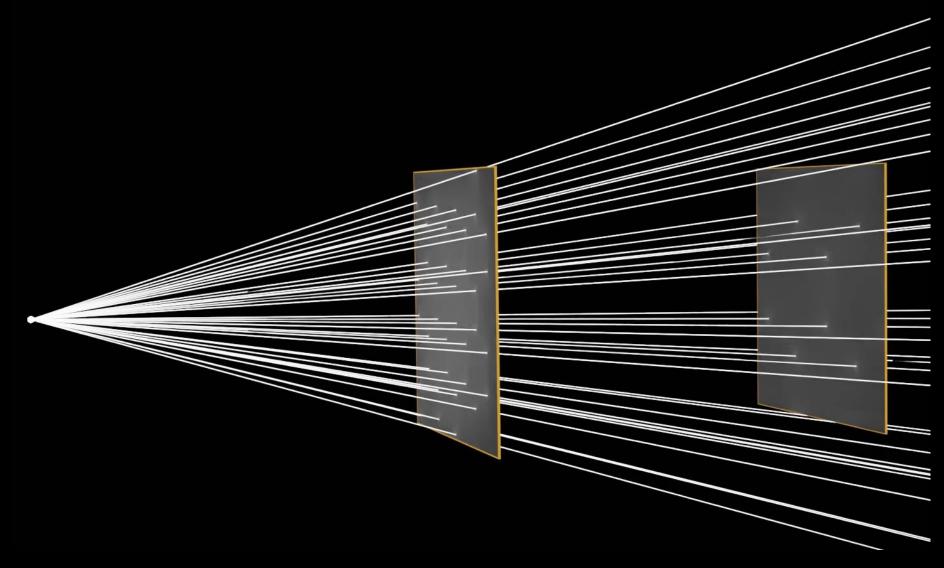
Readable thanks to color difference / No need for rimlight.



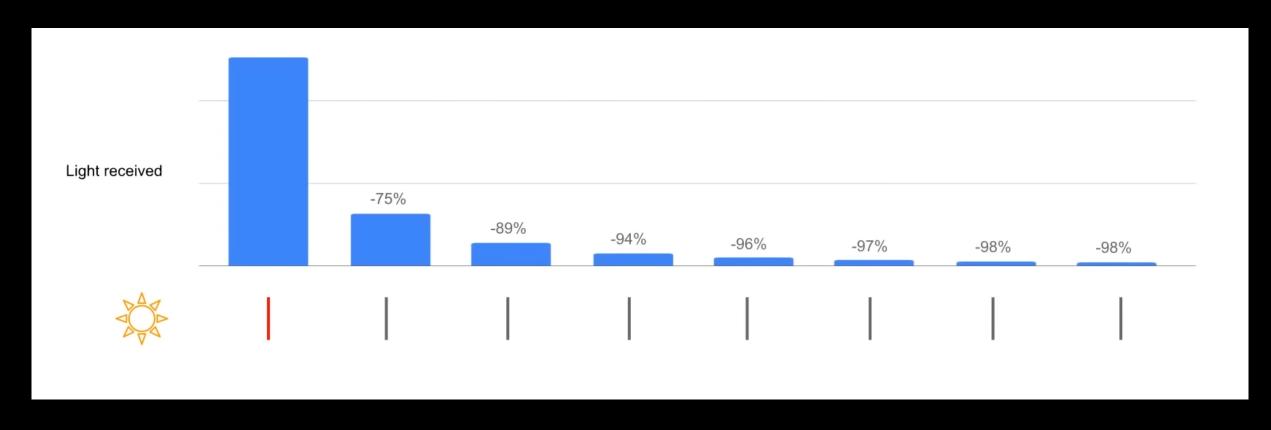
Less readable, more natural



More readable, less natural



Double the distance 75% less light



Further from light source, less fall off.



Equal light amount

Emphasis on face







Thank you for listening.

Source: https: Blender Guru/Lighting Course youtube.com/playlist?list=PLjEaoINr3zgH9vCr47kSS5W8PEJBNIiwK