

# Uncertainty in the output of web based designs

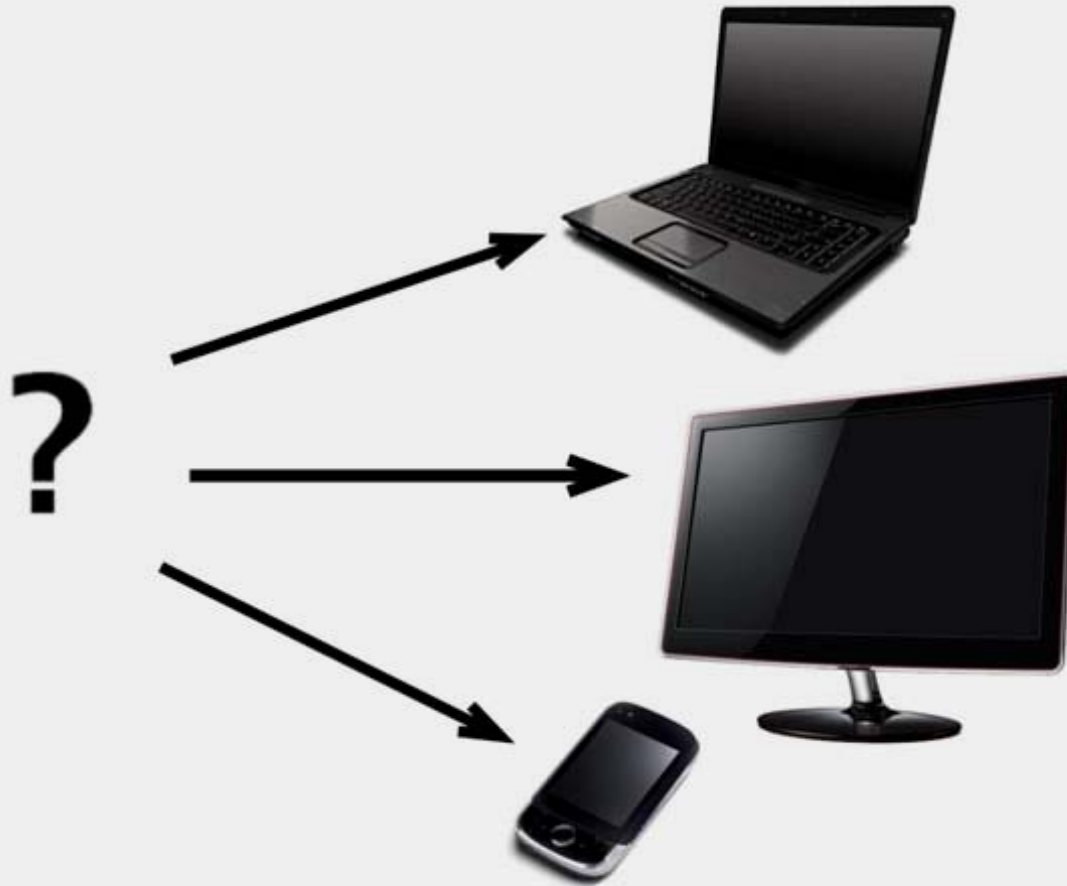


Traditional Publishing



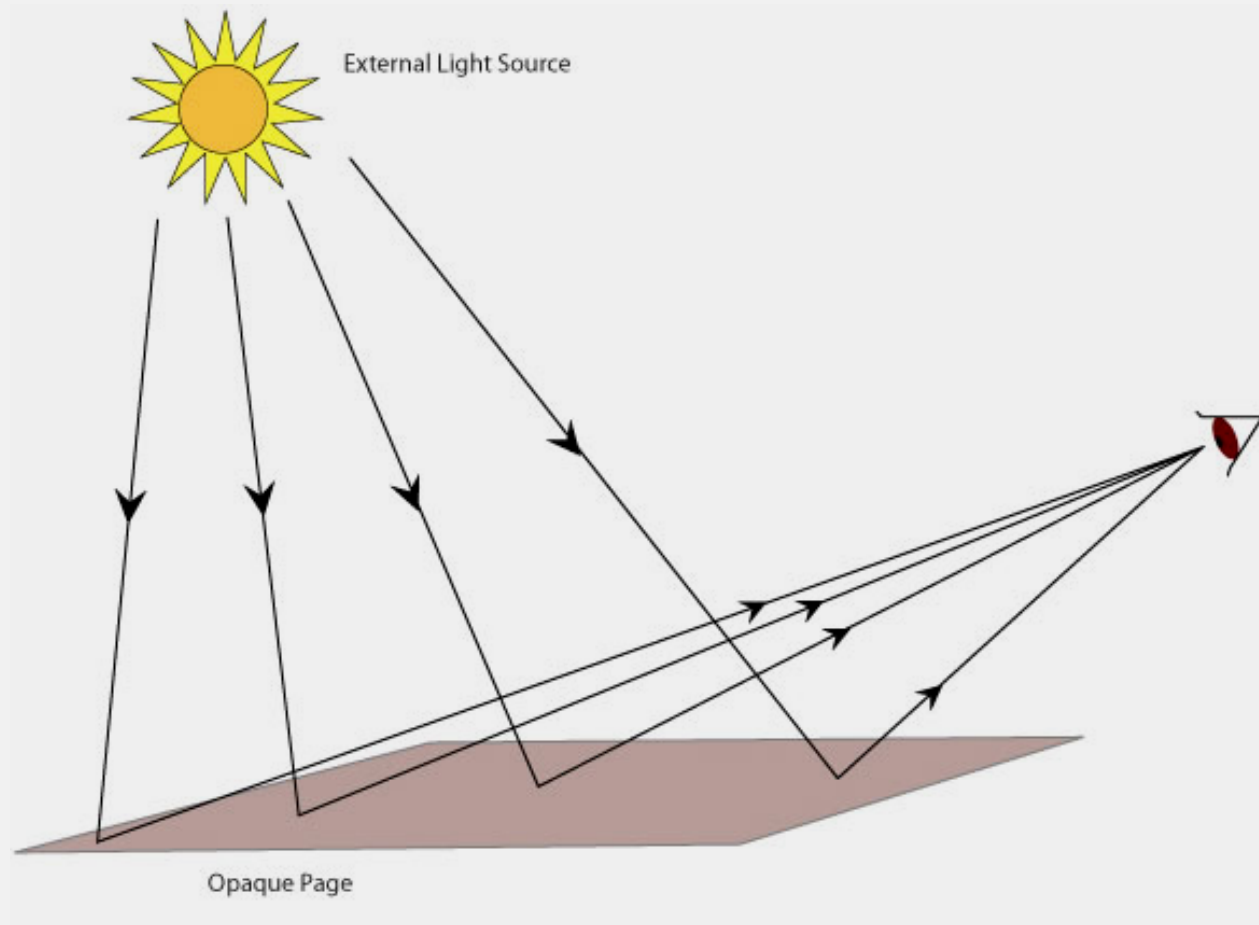
Web Publishing

# Website seen on different devices



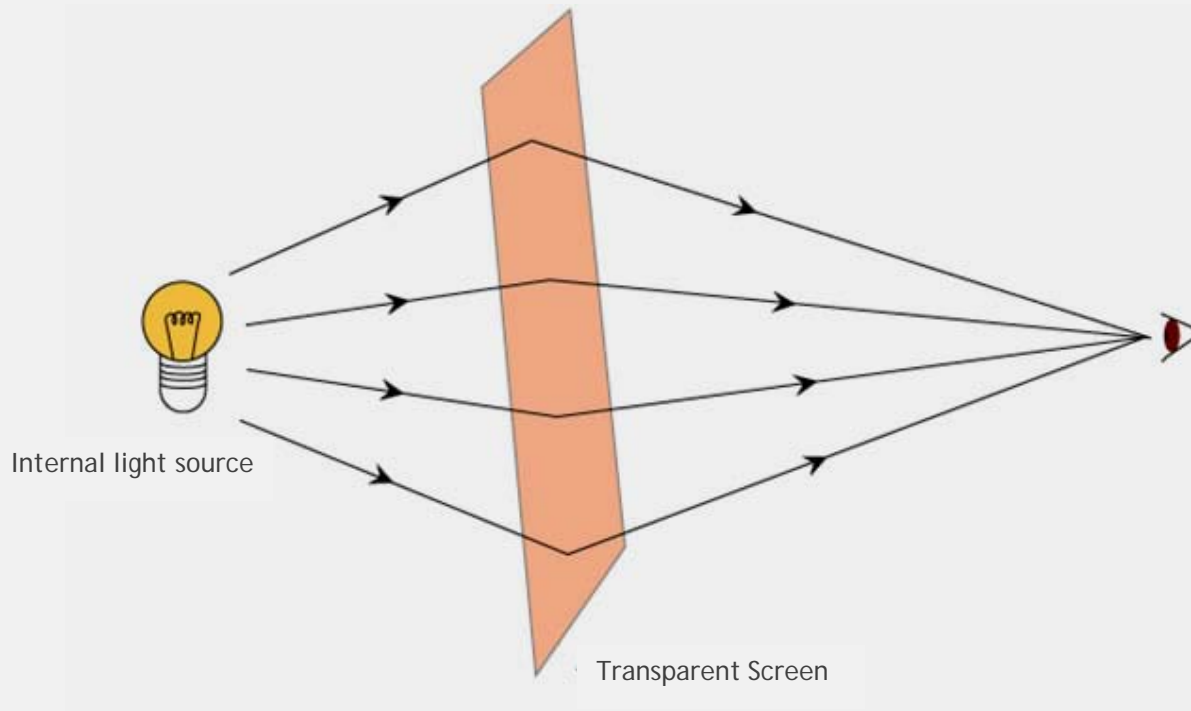
The uncertainty rises from the fact that any given website can be seen on different devices

# Printed Page and Reflected Light



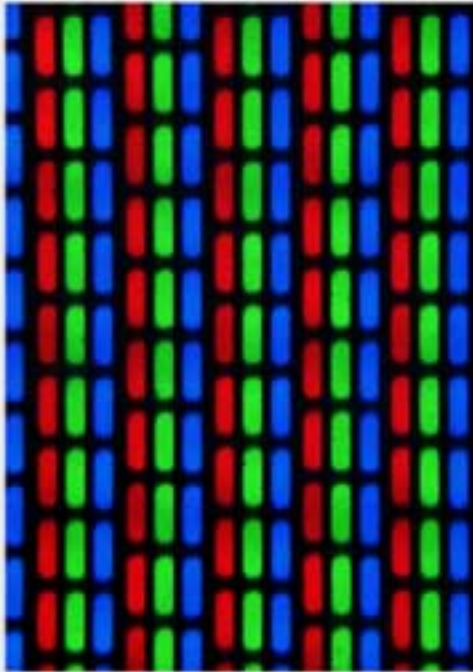
A printed page is viewed in reflected light.

# Monitor and Internal Light Source

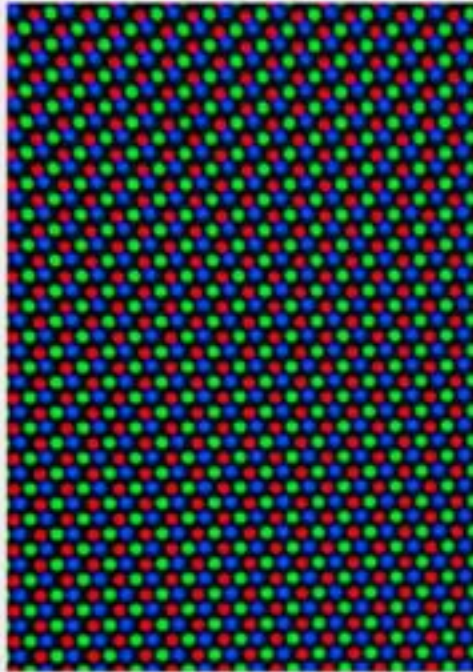


Any design on a computer monitor is seen with an internal light source.

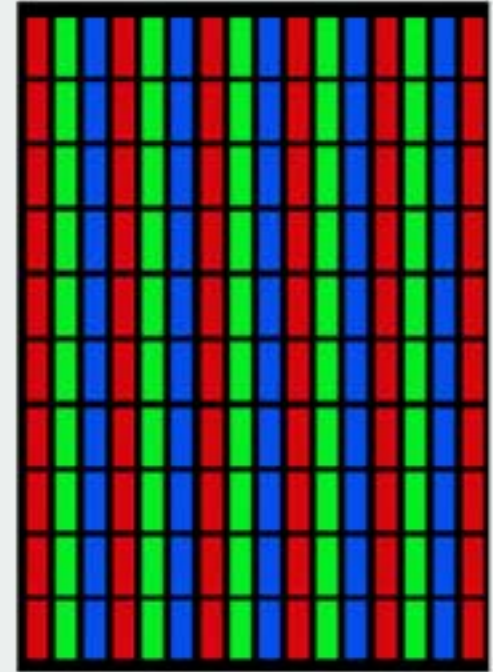
# Pixels are not necessarily the same shape



21" TV CRT



17" PC CRT



Typical Colour LCD

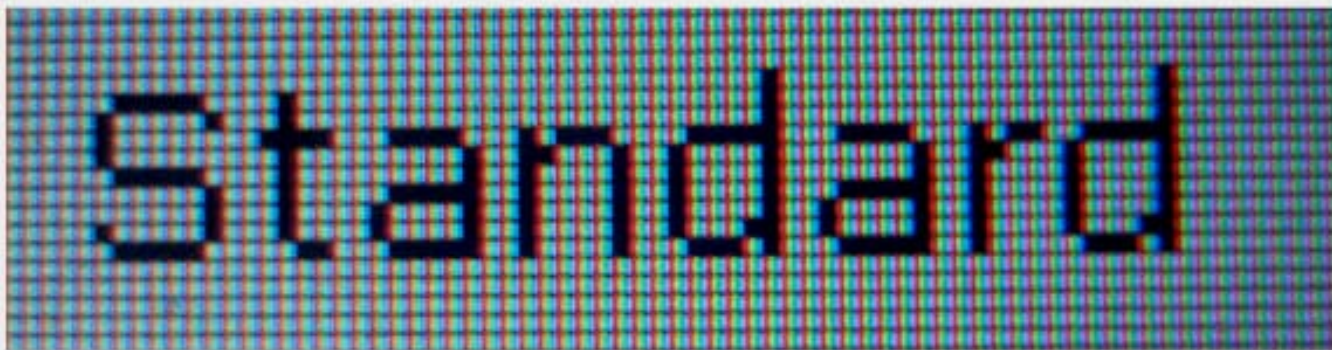
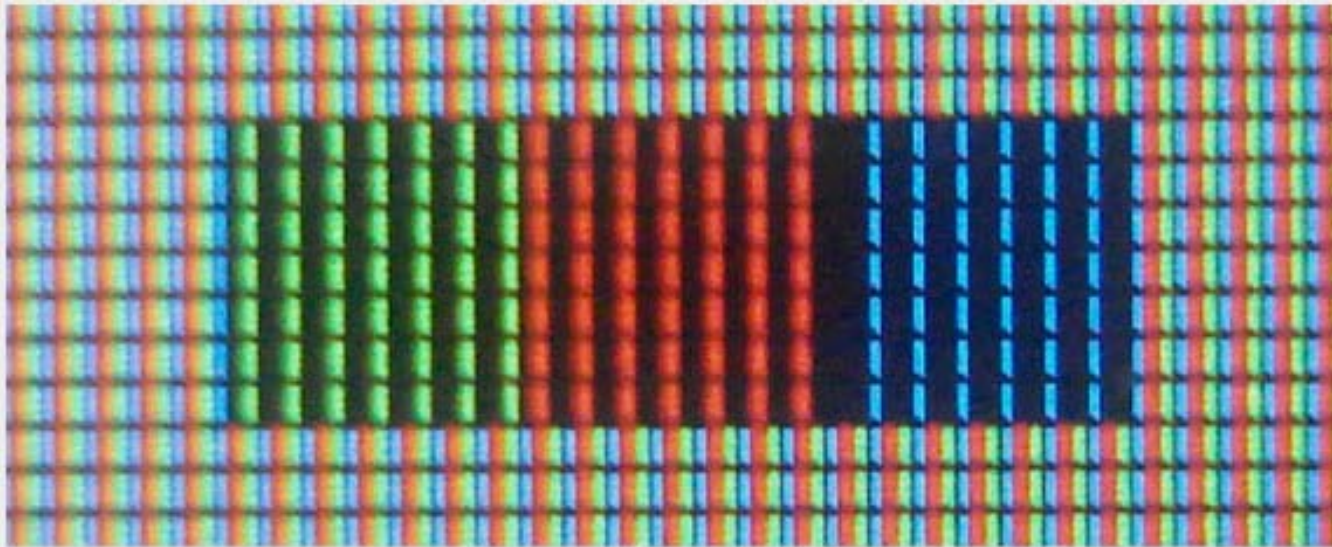
Pixels on a TV set, on a CRT Computer Monitor and LCD Monitor.

# PC CRT (Cathode Ray Tube) monitor



Pixels and Text on a CRT Computer Monitor

# PC LCD (Liquid Crystal Display) Monitor



Pixels on a LCD Computer Monitor and the text displayed in it.

# Aliased letter and anti-aliased letter



Aliased letter (on the left) and anti-aliased letter (on the right).



Verdana is a sans serif font designed by Matthew Carter. It was **designed for screen usage.**

Georgia is a serif font designed by Matthew Carter. It was also **designed for screen usage.**

Georgia x-height Centaur x-height

Verdana x-height Gill x-height

Compare design features of fonts  
designed for the screen, all the fonts  
are presented in the same point size.

**l Illiterate Illusion**

**1 Illiterate Illusion**

Compare design features of fonts designed for the screen, both fonts are presented in the same point size.