Image Processing - Color

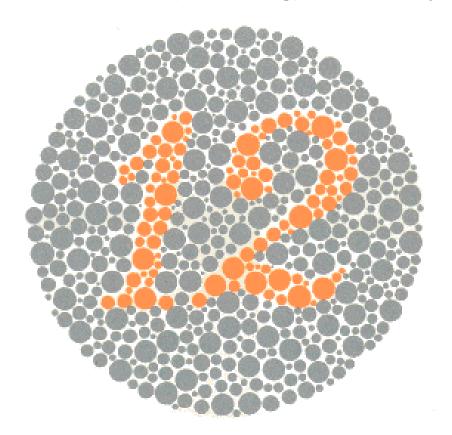
EPITA Imagerie Couleur 27 mai 2019

TP 1

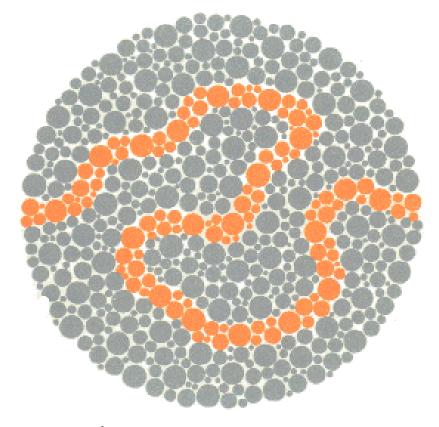
- How well do I do with colors?
 - Ishibara test 1971 (30 min)
- Are you sure about that?
 - Illusions (30-45 min)
- GIMP(Photoshop) exercises
- Illumination / Metamers

How well do I do with colors?

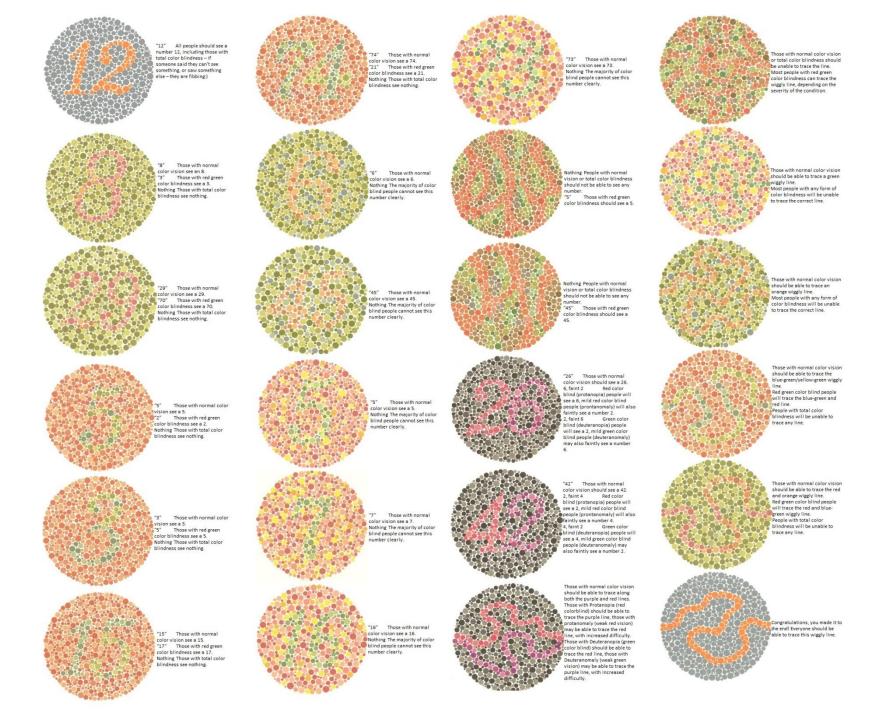
Ishibara Test: in **5 seconds** try to identify the correct number (or nothing), or correctly trace the wiggly lines (or nothing).



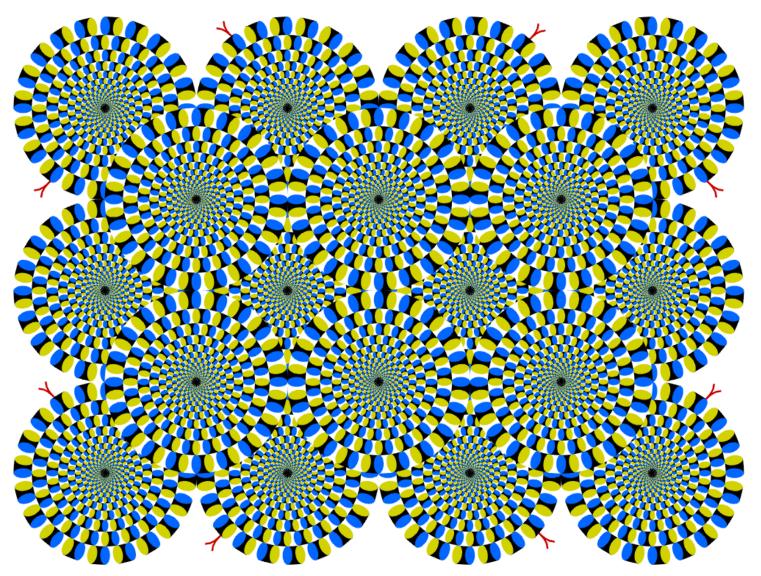
Plates 1 – 17 each contain a number

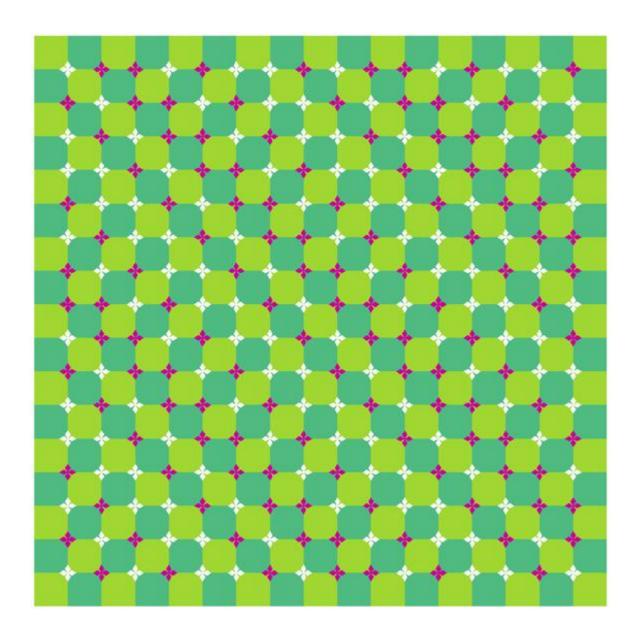


Plates 18 – 24 contain one or two wiggly lines

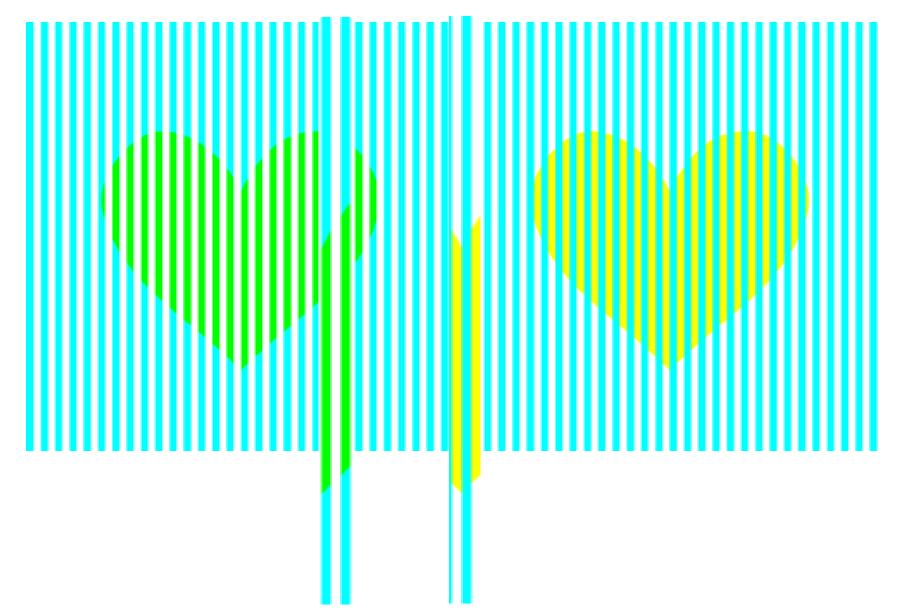


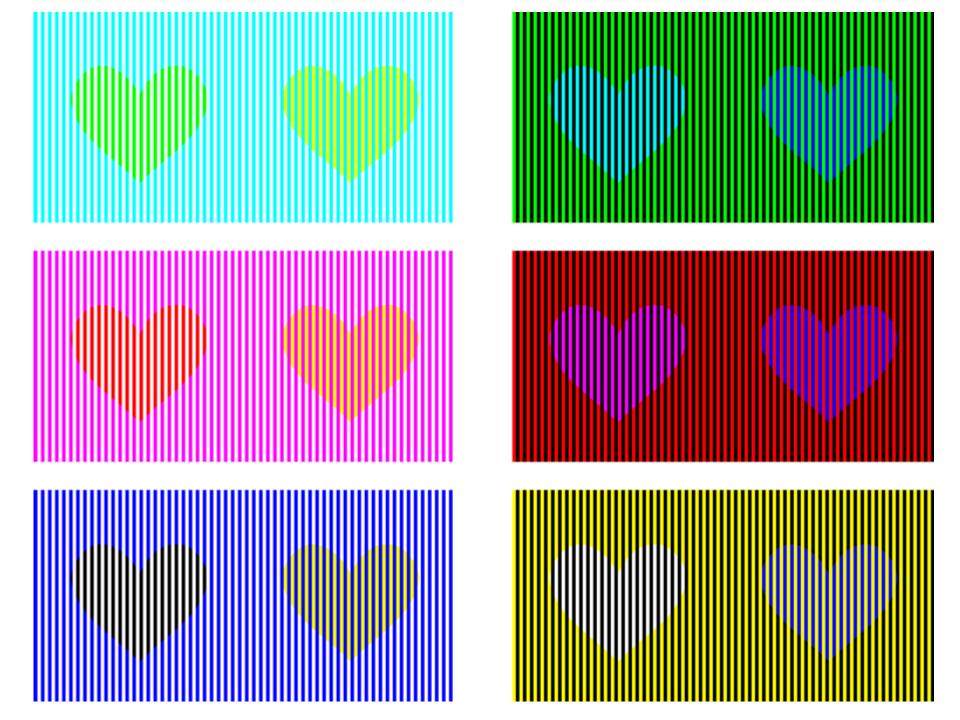
Are you sure about that?

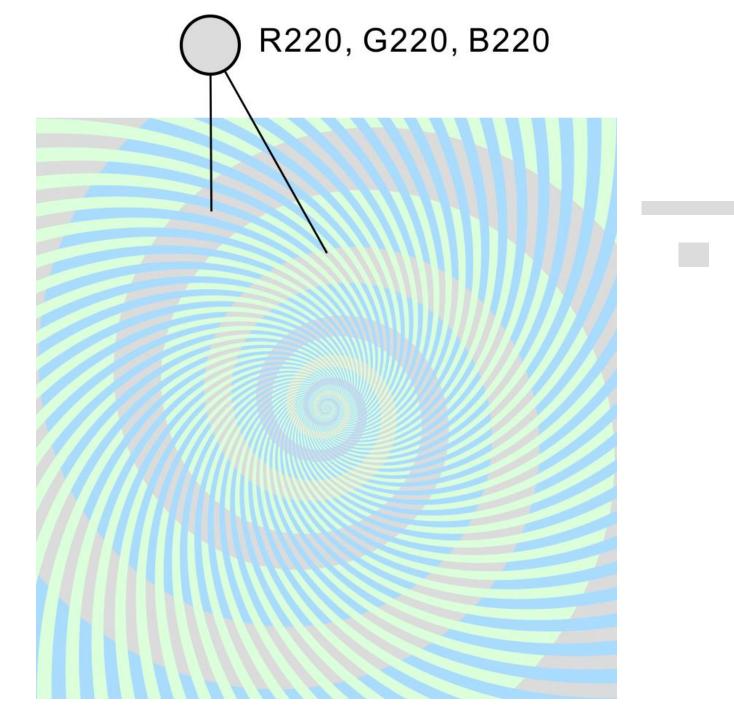




Munker illlusion

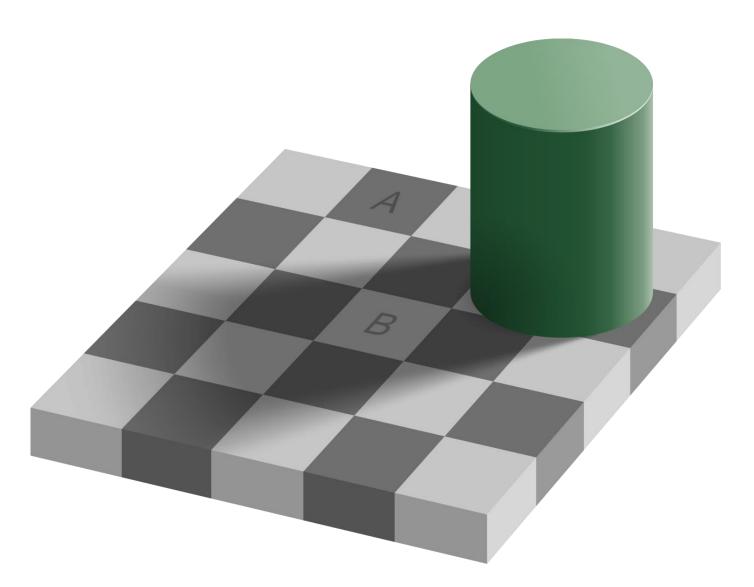


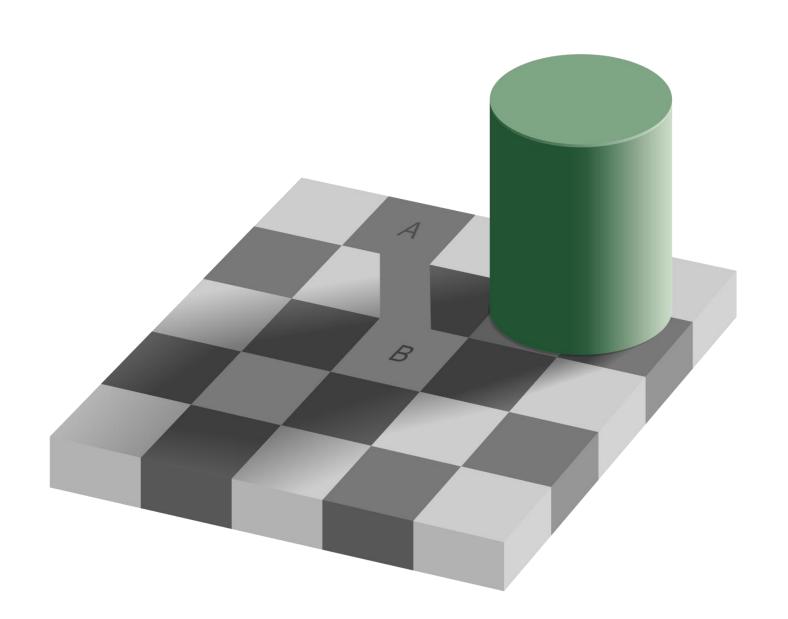


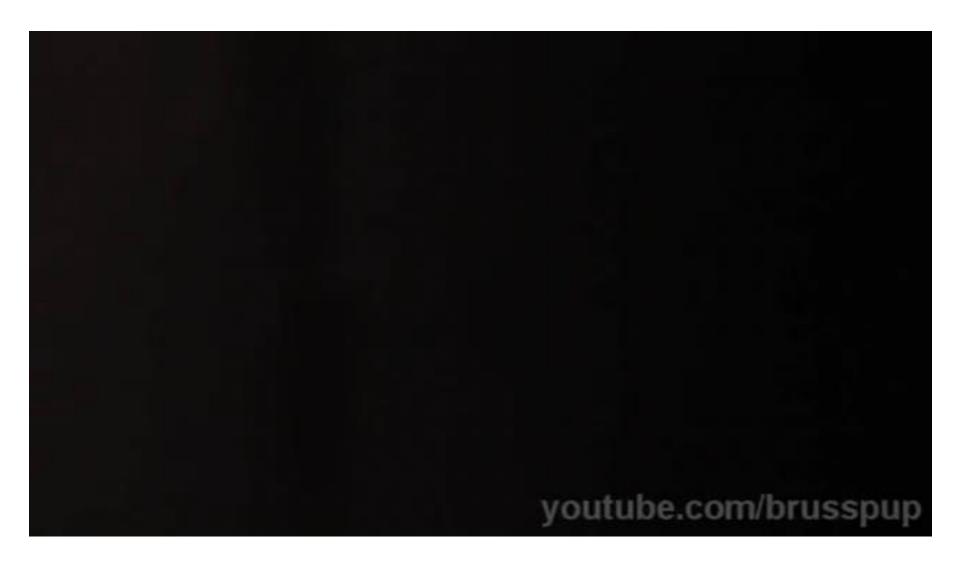




Checkerboard illusion

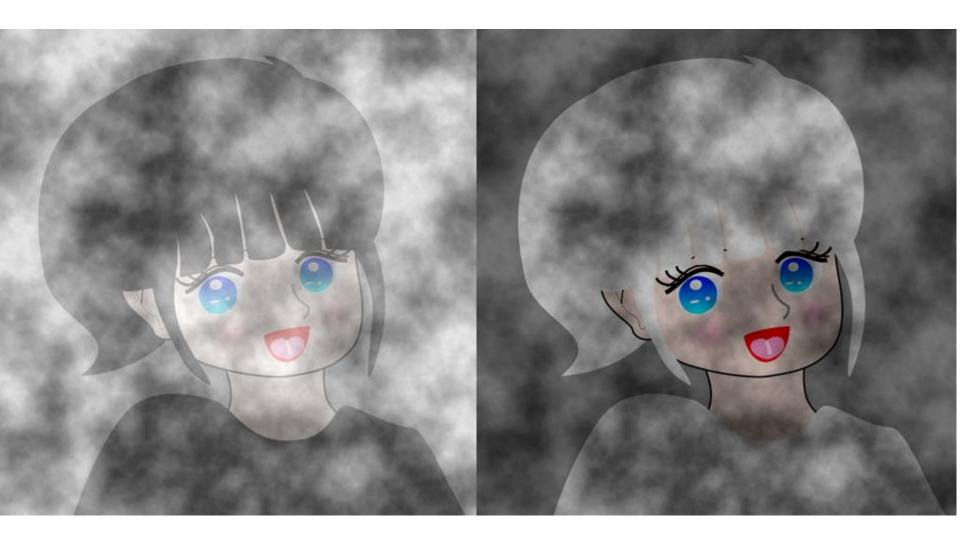


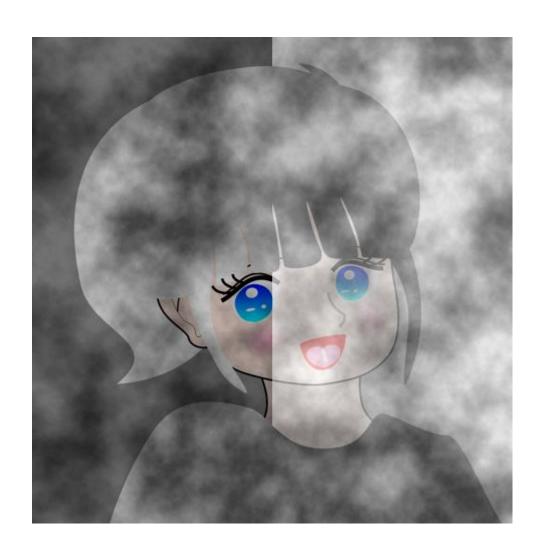


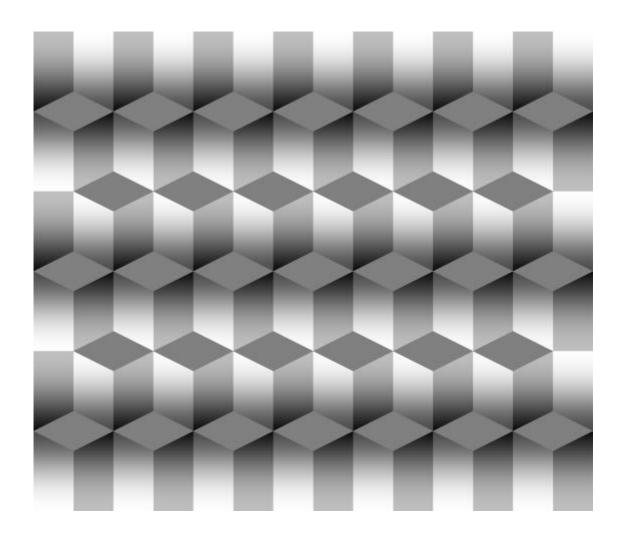






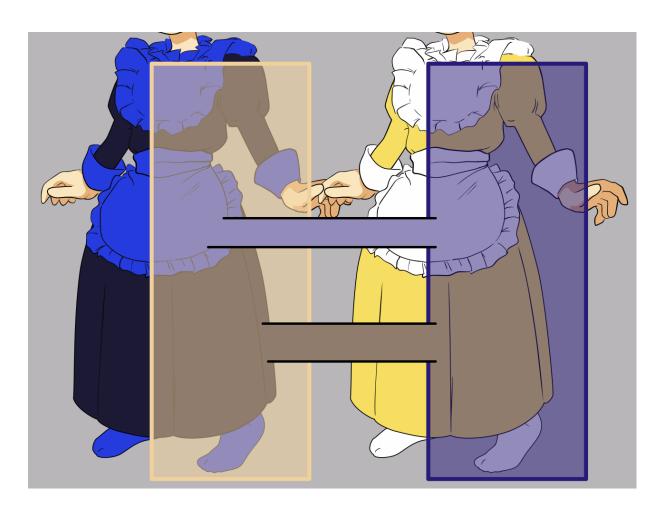


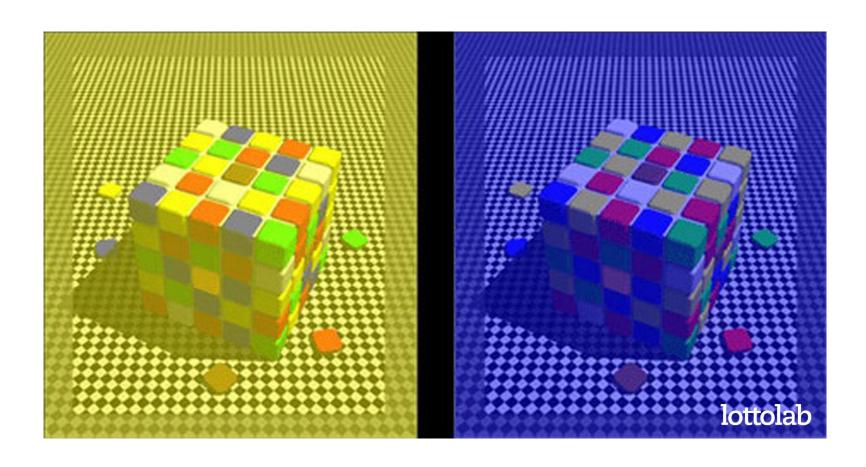


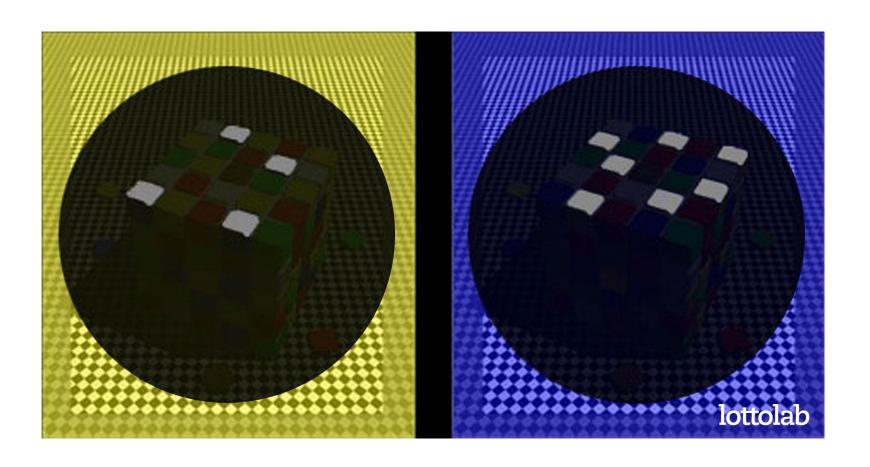




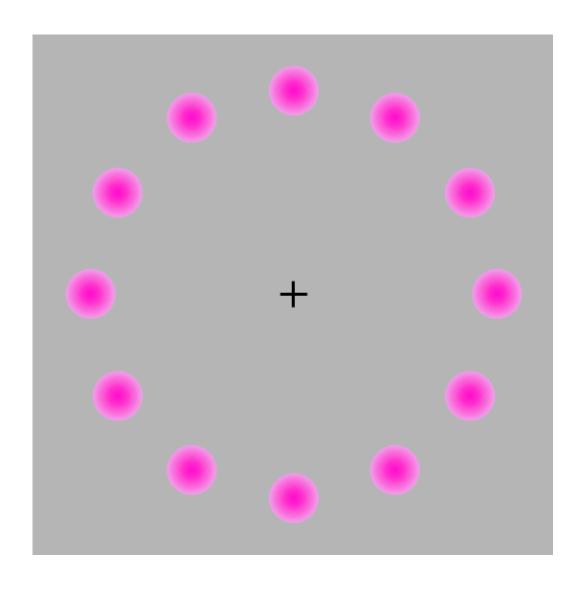


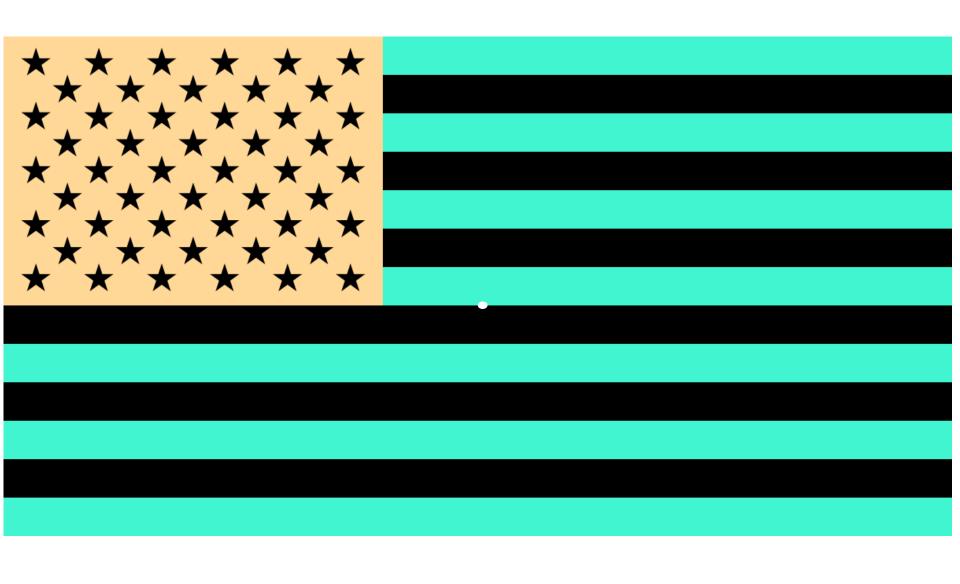


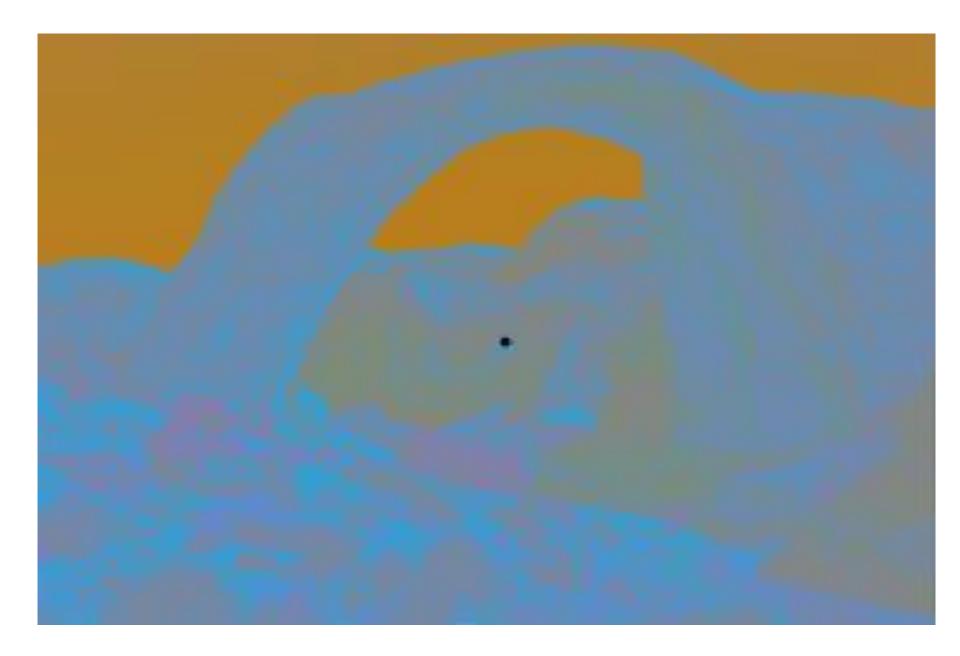




Afterimages: Complementary Colors

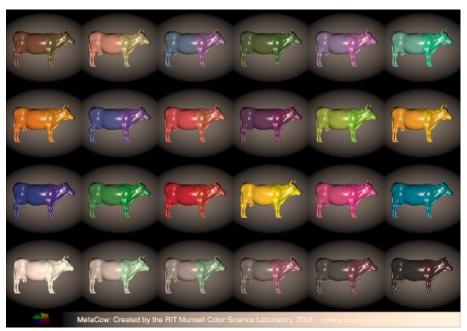




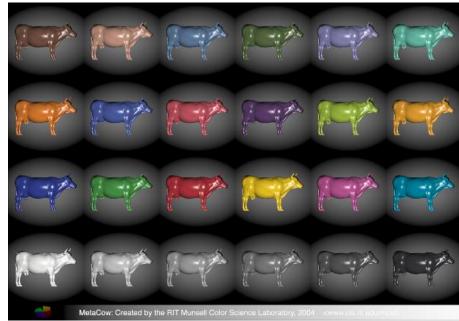




Metamerism



CIE1931, Illuminant A



CIE1931, Illuminant D65

Metacow Spectral Image Database https://www.rit.edu/cos/colorscience/rc_db_metacow.php