

Quiz 7

- Q1. Colours are symbolic & often have meaning.
True
- Q2. What do rods in the human eye perceive?
b. They are responsible for vision at low light levels
- Q3. What is value in the HSV colour space?
a. Scale of lightness to darkness
- Q4. What does colour do in data visualisation?
a. Colours can draw attention, & have psychological impact
- Q5. Which statements below are true regarding the major problems with using a rainbow colormap for showing ordered data?
b. The rainbow is not perceptually linear:
- a box that shows 2 or 3 different discernable colors in some regions of the colormap may show only one distinguishable color in other regions (especially the large-yellow area near the middle)
c. The hue channel is not ordered.
- colors such as red vs blue vs green vs purple have no intrinsic perceptual ordering.
- Q6. What does saturating a color do?
d. change the intensity of the color
- Q7. Color can also be used to represent data values, such as income & weather temperature. In this case, we use a _____ color scale.
a. sequential