Color Eye Study: Iris Hue and Pupil Contrast

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A student draws an eye outline with a pupil circle and an iris ring. They choose a blue-green hue family and make three patches: light blue-green, middle blue-green, and dark blue-green. They fill the iris with middle blue-green, add light blue-green at the outer edge, and add dark blue-green near the pupil. They fill the pupil with black. Check whether the pupil contrast and iris hue variation meet the brief.

Answer: The study meets the brief if the pupil is clearly darker than the dark iris edge and the iris shows at least two blue-green values. The sclera should remain lighter than the middle blue-green. If the pupil and dark iris edge look similar, the student should darken the pupil or lighten the iris edge. The hue variation is present because light and dark blue-green patches are visible in the iris ring.