Draw a Stylized Black Hole: Event Horizon, Accretion Disk, and Layered Glow

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A learner draws an event horizon circle with a hypothetical radius of 3 cm, then draws a full ellipse with a long axis of 12 cm and a short axis of 6 cm centered on the same point. They tilt the long axis 20 degrees above horizontal. Describe the correct layering and one check.

Answer: The event horizon remains a solid black circle. The ellipse is drawn lightly, then the front half is strengthened where it crosses the circle, and the back half is erased where the circle covers it. Two inner ellipse guides are added with even spacing. Two glow outlines are drawn around the circle, with the inner one darker and narrower. Check: the front disk half overlaps the black circle, while the back half does not cross it.