Human Form Volume and Shading Practice

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: A simplified arm is drawn as a tapered cylinder 9 cm long, wider at the top (4 cm) and narrower at the bottom (2.5 cm). Light comes from the upper left. Describe where the light, mid, and dark values go and how the bands change toward the narrow end.

Answer: The light band runs along the upper-left edge and stays about one-third of the local width, so it narrows from roughly 1.3 cm at the top to about 0.8 cm at the bottom. The dark band runs along the lower-right edge and is slightly narrower than the light band, narrowing from about 1 cm to 0.6 cm. The mid value fills the front and center, following the taper. A cast shadow falls to the lower right on the ground plane. The order light-mid-dark stays the same from top to bottom; only the band widths change with the taper.