



a) the circle boundary (emphasized in yellow) is significantly less distinct due to blur

**Blur** refers to the parts of a depiction which become less distinct and less defined.

Unintended blur can happen as the result of applying the averaging of values excessively in an attempt to lessen [aliasing](#) artifacts.

Blur itself can be perceived as an unwanted artifact if it destroys the clarity of a part which was originally intended to appear crisp.

Blur may be used intentionally, for example to emphasize perceptual effects like soft shadows, a lack of detail in some light/shadow situations, [motion blur](#) or unfocused areas.

Shown in the example are an aliased circle, an anti-aliased circle and a blurred circle.

further reading:

- [W Defocus aberration](#)
- [W Bokeh](#)

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