

Histograms

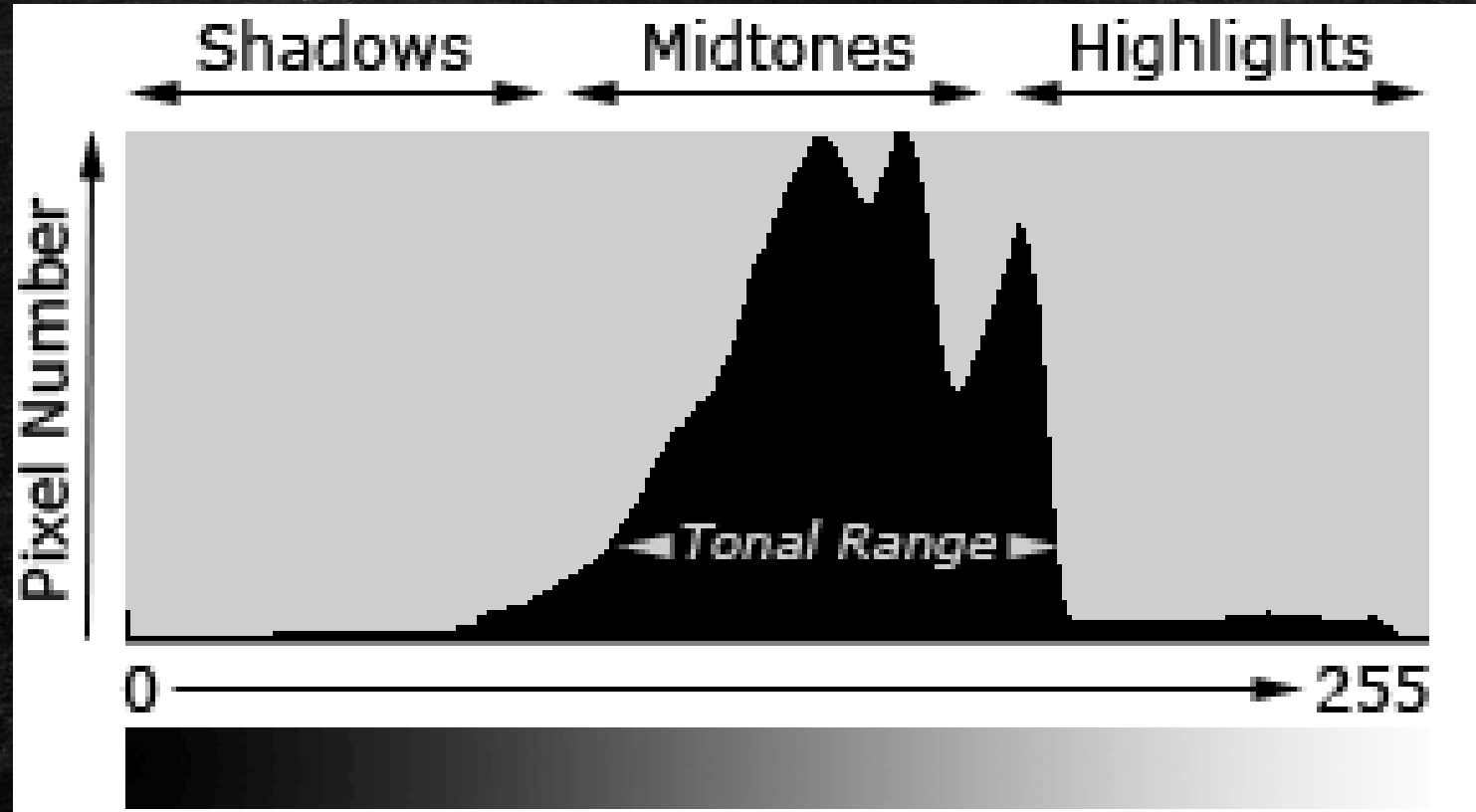
What you should know

What are They

- A graphical representation of the tonal values in your image
 - Shows all brightness levels from 0 (pure black) to 255 (pure white)
 - Height shows how much of the image is found at any given level
- Indicate overall exposure
- Indicate contrast
- No such thing as a 'bad' histogram
 - They are what they are
 - Image dependent
 - Represent the tonal range of the scene and what you want to portray

How to Read them

- What to look for – Good Balance

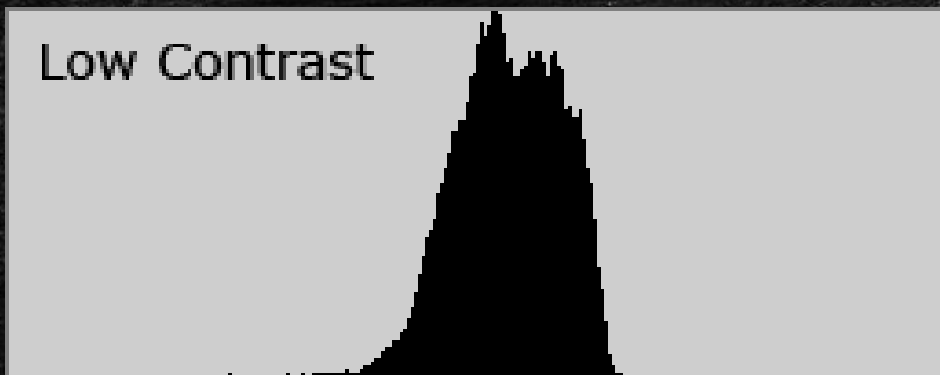


How to Read them

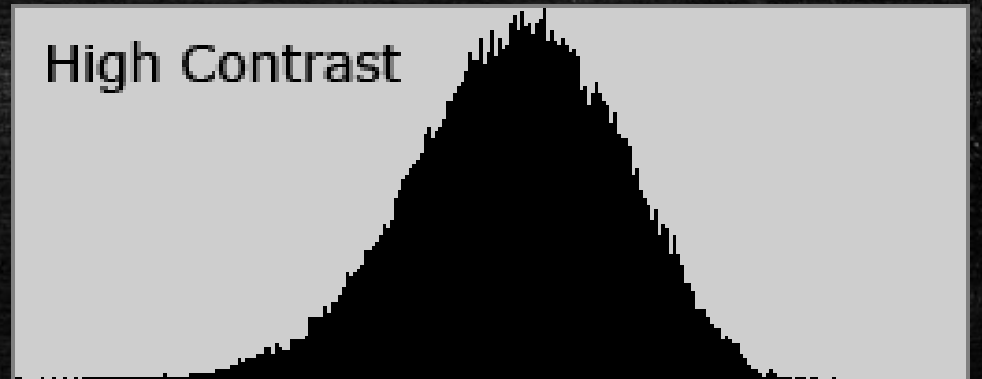
- What to look for – Good Contrast



Low Contrast

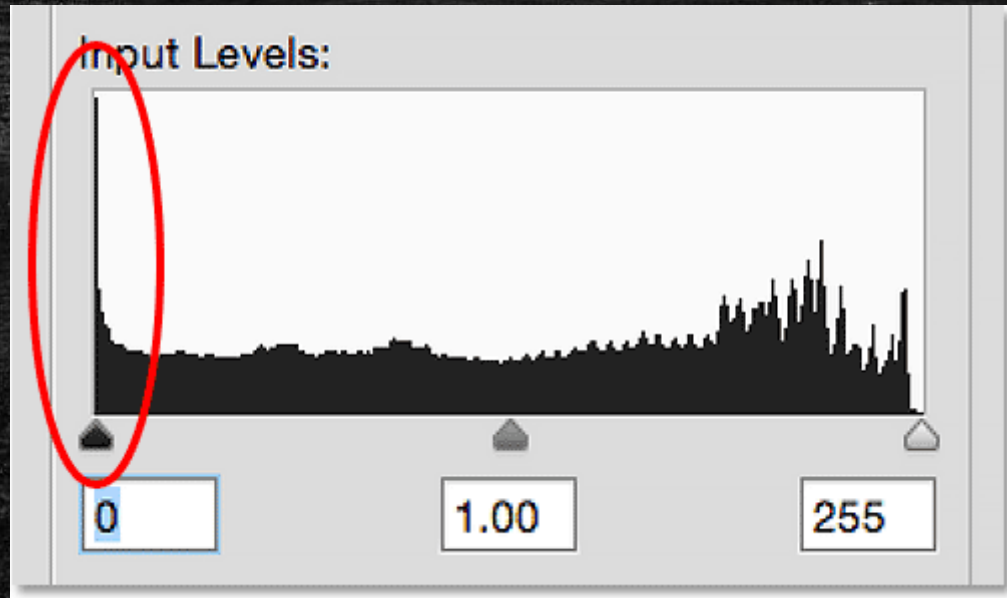


High Contrast

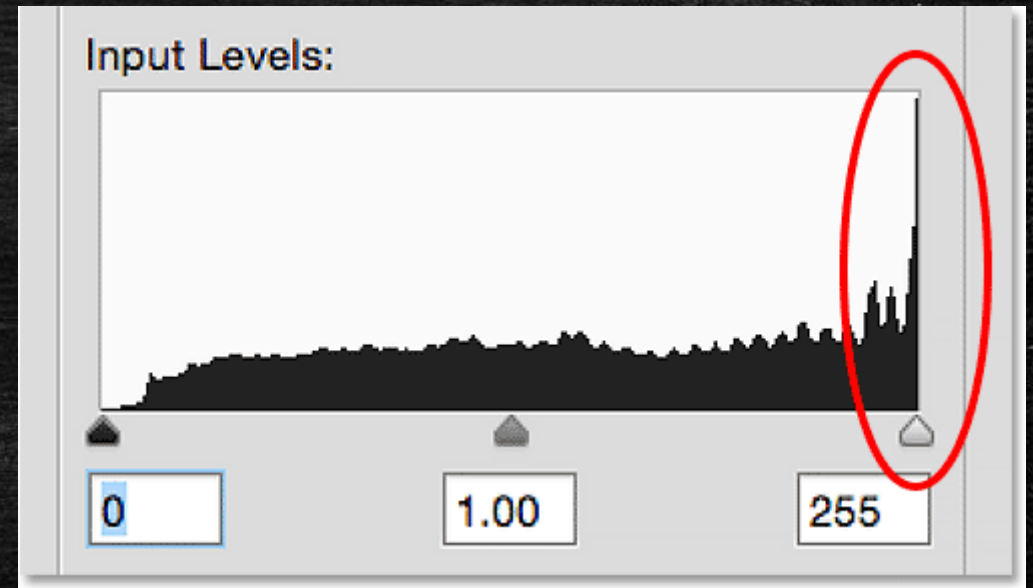


How to Read them

- What to look for – No clipping

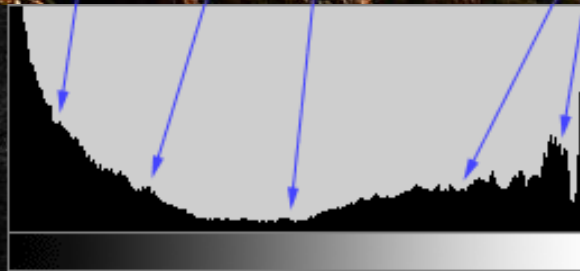


Underexposed

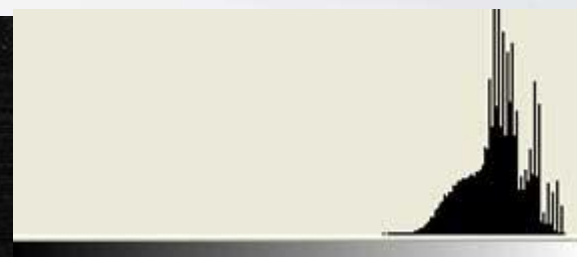
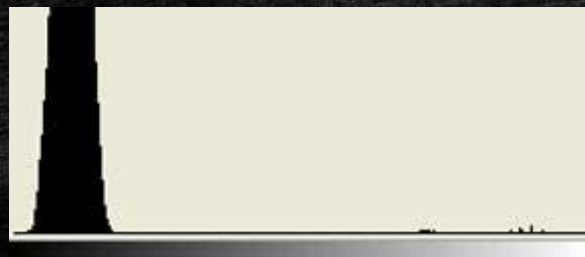


Overexposed

Examples



Examples



Other Considerations

- Sports, Action, Moving Subjects
 - Test shots to anticipate exposure before the actual shot
- Bracketed Shooting and HDR
 - Shadow clipping preserving highlight
 - Highlight clipping preserving shadow detail