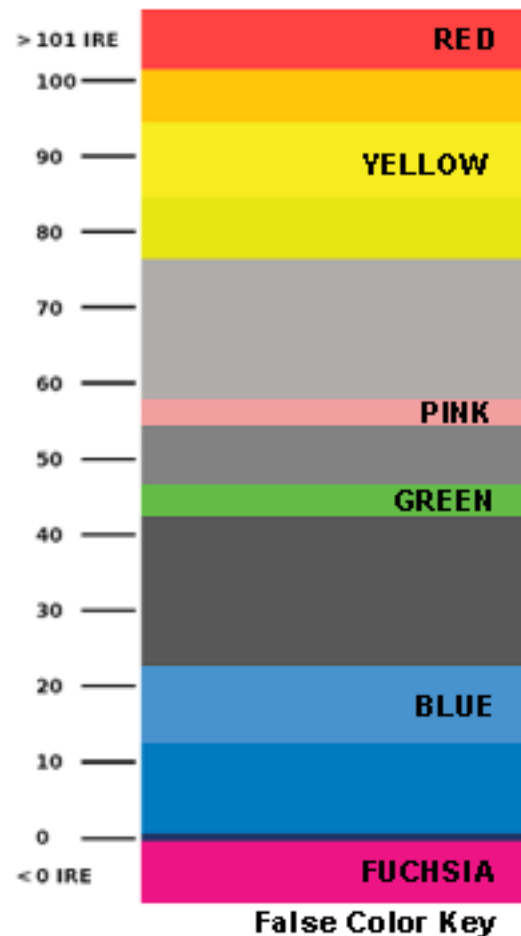


False Color Filter

The **False Color** filter is used to aid in the setting of camera exposure. As the camera Iris is adjusted, elements of the image will change color based on the luminance or brightness values. This enables proper exposure to be achieved without the use of costly, complicated external test equipment.

To best utilize this feature, you must understand the color chart and have a basic understanding of camera exposure. Normally, when shooting subjects like people, it is common practice to set exposure of faces to the equivalent of approximately 56 IRE. The False Color filter will show this area as the color PINK on the monitor. Therefore, as you increase exposure (open the IRIS), your subject will change color as indicated on the chart: PINK, then GREY, then a few shades of YELLOW. Overexposed subjects (above 101 IRE) on the monitor will be shown as RED. In addition, underexposed subjects will show as DEEP-BLUE to DARK-BLUE, with clipped-blacks indicated with a FUCHSIA-like color. Lastly, the color GREEN is used to indicate elements of the image that are approximately 45 IRE. This represents a "neutral" or "mid-level" exposure commonly used for objects (not people).



CAMERA FEED WITHOUT FILTER

WITH FALSE COLOR FILTER



OVEREXPOSED
Overexposed objects will display as RED



UNDEREXPOSED
Underexposed objects show as DEEP-BLUE to DARK-BLUE



PROPERLY EXPOSED
Properly exposed objects will display elements of GREEN and PINK