

White Balance

White balance is a function of a digital camera used to compensate for different colors of light being emitted by different light sources. In digital photography the term is generally used to describe a function of a digital camera that allows you to calibrate the device to correctly display the color white. Once this calibration has been done, the camera should then display other colors correctly as well.

It's about "temperature"

Incandescent



Fluorescent



Shade



Sunny



Cloudy





White Balance







If color film is not designed for certain kinds of light, a filter must be installed on the end of the lens



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White balance

Auto





AWB



Shade



Tungsten (Incandescent)



Sunny



Fluorescent



Tungsten (Incandescent)

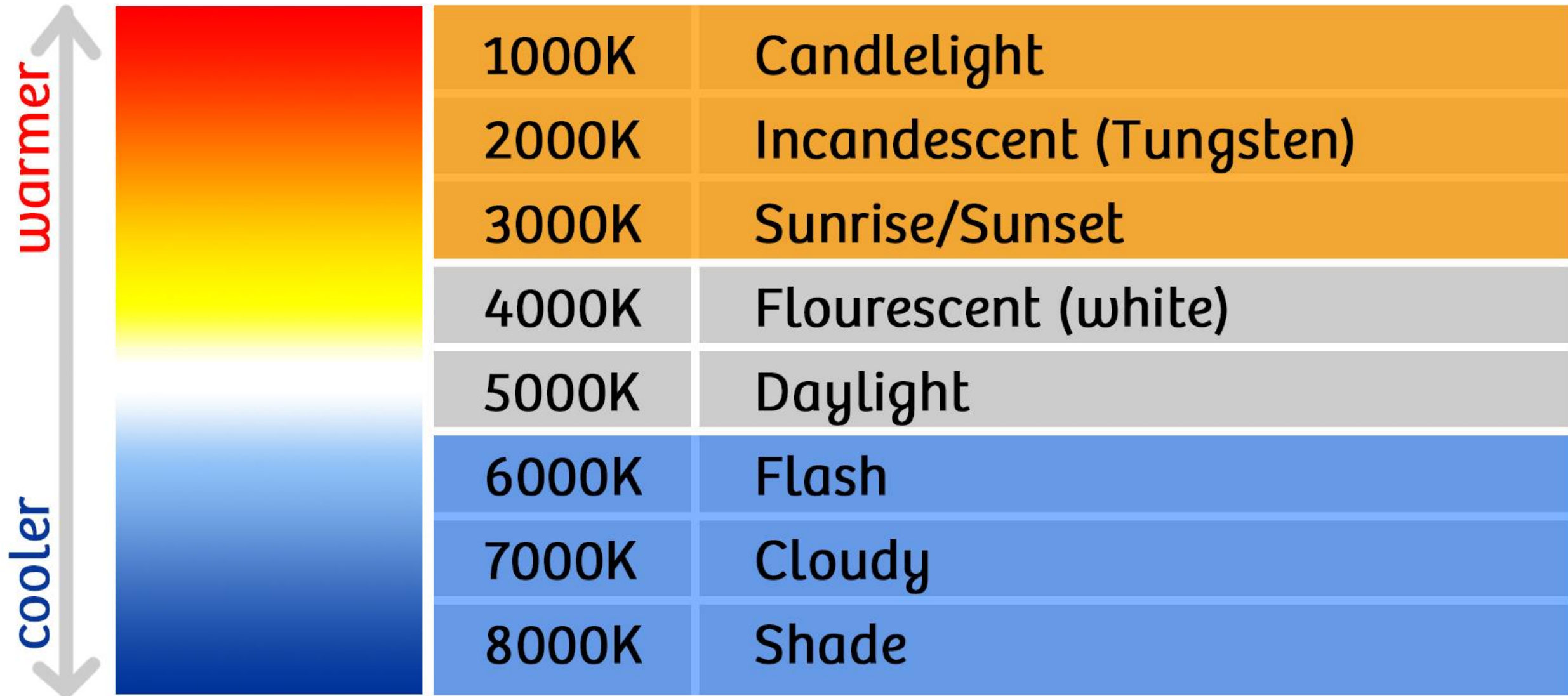


Sunny/AWB



Shade

THE RANGE OF COLOR TEMPERATURE IN PHOTOGRAPHY





AWB



Shade



Sunny

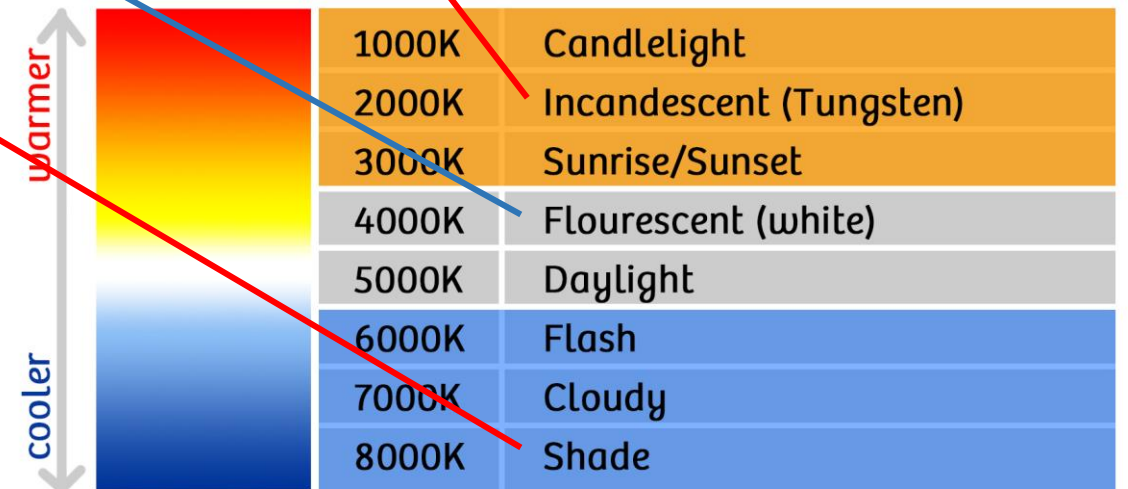


Tungsten (Incandescent)



Fluorescent

RANGE OF COLOR TEMPERATURE IN PHOTOGRAPHY



Why would you ever want to shoot on a White Balance that does not match the light cast in the scene?

To enhance a color cast for aesthetic reasons



To enhance a mood







Auto



Tungsten



Shade



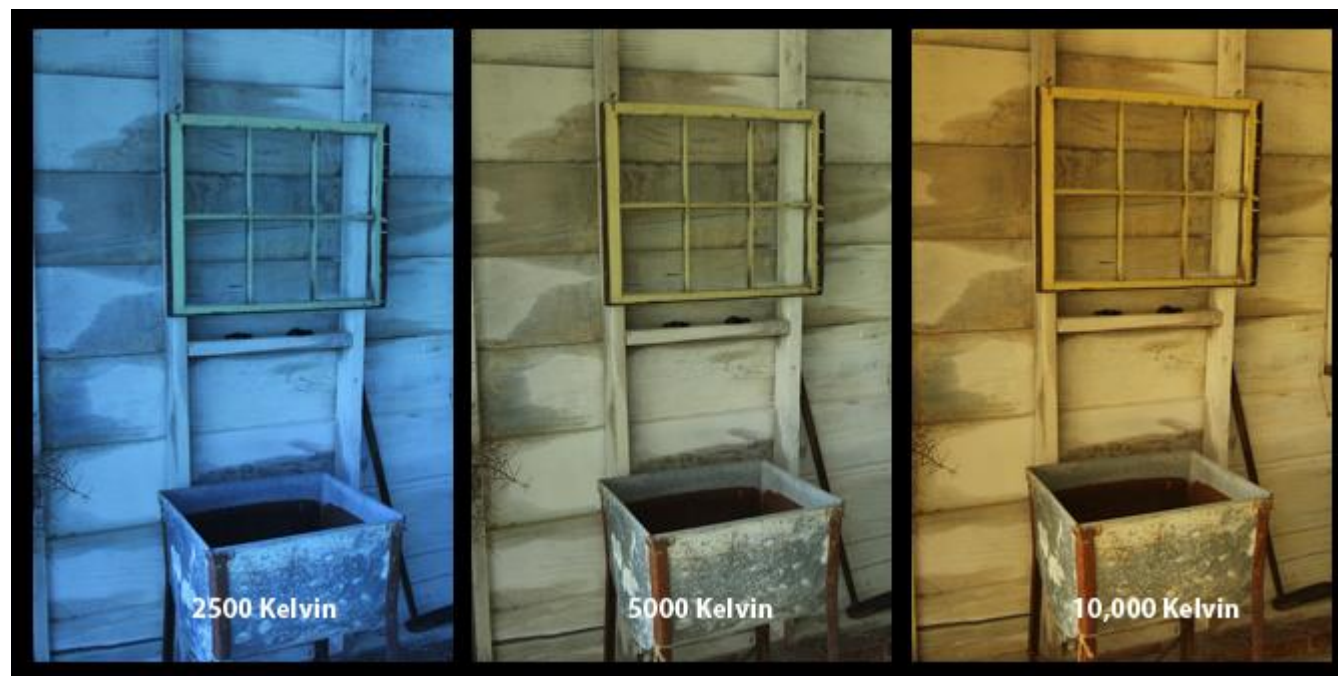
As Shot



Flash



Cloudy



Custom WB



White Balance Bracketing