

Sunday, March 25, 2018

Distances , capacities, coupling , optics, Sensibilities.

Comparison of light spectra.



flic.kr/p/23XnuPc

Blue sky-Black space.

Sunlight is made up of rays of all the colors of the rainbow.

This light travels in a straight line until it encounters an obstacle.

But depending on their color, the rays of light do not all react in the same way.

When light enters the earth's atmosphere, the blue rays are the first to react: they are the ones we see.

That's why in the daytime the sky is blue.

But in space, the sky is black because there is no atmosphere.

And on Earth, at night, the Sun is masked: We only "see" its rays that run into space without entering the atmosphere..

They remain invisible and leave our sky transparent, which allows us to admire the black of space!

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The way your device uses to measure brightness. This is called contrast.

Without contrast, photographs quickly becomes too dull.

Black and white are considered or not as "colors" according to the

discipline that speaks about it:

Printing, photography, physics, painting, theory of perception.

A white, in additive synthesis, is constituted by the meeting in a particular

proportion of all the wavelengths of the visible <3

There are as many whites as temperatures of this body, the "Solar" whiteness being that at 6,300 K.

We call by white extension any combination of wavelengths that the eye can not distinguish from a true white of any temperature:

The eye is indeed sensitive only to three peaks of wavelength at from which he gives the consciousness information of color.

We call "black" (also in additive synthesis) the absence of color, or any visible radiation received by the eye.

We call "gray" the "colors" deemed intermediate.

18% gray is the average gray considered by not well prepared a black and white photography.

In case of you want real contrast between black and white as me.

It's not a rule , it's something that i prefer.

And this measure sometimes crashes lamentably.

Cameras does not know white and going to want to make it a medium gray.

In the photo, the white will be gray.

There is in fact a very large number of gray of the same brightness and distinct hue according to the color temperature considered for the white of reference.

Sometimes your device does anything...

In this case it is necessary to resume the orders: in analog and digital.

Traps are possible.

Posted by [Veronica IN DREAM](#) at [3:22 AM](#)