

1. The histogram-equalised images are much brighter than the original images, however, the details of these images are much lower than the original images. (lesser contrast)
2. This is because the color of the golden strip, after removing the brightness and saturation channel, corresponds to black color. This can be verified by taking the color at that portion, and convert it into HSV color space, and turn brightness and saturation into 0. The corresponding color will be black, which is the same as the one in the sea2_hue.jpg.
3. The cloud appears dark because the richness of the color at that region is low. On the contrary, concert_saturation.jpg has a much lighter color overall as the original image is very rich in color.