Rodrigo Dal Ben, April 2019

lum_mod function

From a set of images provided by the user, the function transforms RGB pictures to HSV and CIE Lab color spaces. From the Value and Luminance channels, respectively, it normalizes or matches the luminance of each and every pixel in the image. When normalizing or matching, the mean and standard deviation of an image set, or the values provided by the user, are used. For other operations (e.g., histogram matching, spatial frequency manipulation), see the SHINE_color toolbox.