

Segmentation Lab

Objectives:

- Learn how to deal with pixel level values with minimum usage of already-implemented functions.
- Learn simple threshold technique(s).

Notes:

- To get RGB values for any image you can use the following free online tool:
<http://html-color-codes.info/colors-from-image/>
- Before doing any mathematical operation on the image, you must convert it to float. Use the `astype(float)`.
 - Example:
 - `mat = mat.astype(float)`



Experiment 1:

You are required to use the dominating color channel of the background to get the foreground only. For *[golf.jpeg]*

Experiment 2:

You are required to get the all pixels that have RGB values close to a required color and replace their RGB values with a target color. *[grass in the CUFE image]*

what is meaning of close here?