• for HSV, Hue range is [0, 179].
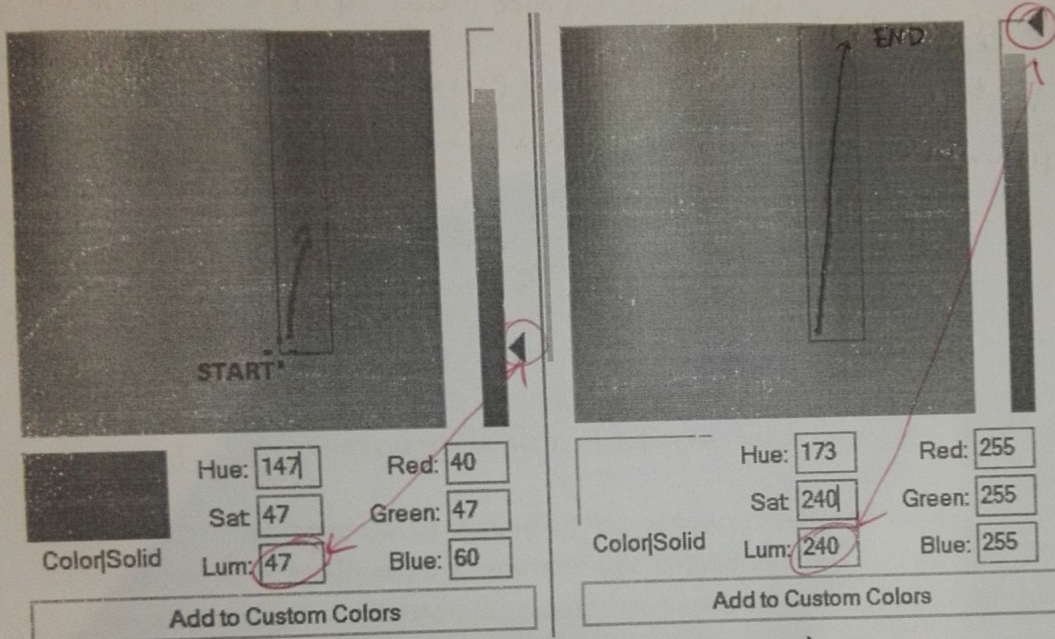   Saturation range is [0,255] and
   Value (Lightness) range is [0,255].
Note that! different software use different scales.

• If you look below, in paint (windows), you can "pick" a range
of colors, like the blue color range below. It is a good choice
to use HSV images instead of RGB. After you pick the range
of the color you want,
you can:

	Hue: 147	Red: 40
	Sat 47	Green: 47
Color|Solid	Lum: 47	Blue: 60
	Add to Custom Colors	

	Hue: 173	Red: 255
	Sat 240	Green: 255
Color|Solid	Lum: 240	Blue: 255
	Add to Custom Colors	

lower_blue = np.array ([147, 47, 47])
upper_blue = np.array ([173, 240, 240])
#and then, you can import it inside a mask:

mask = cv2.inRange (img, lower_blue, upper_blue)
# if you want to see only the color range you chose,
# Bitwise_And the mask & original image.
res = cv2.bitwise_and (frame, frame, mask = mask)

(12)