Subject: change colors on colortable
Posted by John Sofiadis on Wed, 10 May 2017 22:58:50 GMT

hi!i wonder if anyone could inform me how to change colors at a given colortable.thank you in advance!

Subject: Re: change colors on colortable
Posted by Nikola on Thu, 11 May 2017 10:06:17 GMT

On Wednesday, May 10, 2017 at 11:58:52 PM UTC+1, John Sofiadis wrote:
> hi!i wonder if anyone could inform me how to change colors at a given colortable.thank you in advance!

A color table consists of three arrays, each with 256 elements with values in the range [0, 255]. Arrays correspond to the red, green and blue channel (axis of the color cube). To see the arrays that are currently active, execute

TVLCT, r, g, b, /get

To change manually the color scale, alter the arrays r, g, b as you want and then execute

TVLCT, r, g, b

If you want to select one of the IDL predefined color tables, you can do it using

LOADCT, number of the color table (0 = grayscale, 13 = rainbow, etc).