
Subject: Re: iplot and color tables?

Posted by [David Fanning](#) on Mon, 26 Jun 2006 19:47:10 GMT

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maye writes:

- > I can't seem to find a way to use simple color tables in iPlot, like it
- > is possible to do in iimage.
- > Do I really have to know the RGB values of useful colors for iPlot's
- > COLOR keyword, just to distinguish 10 graphs I overplot on each other,
- > or do I overlook something?
- > If giving the color in RGB values is really the only way to have nicely
- > distinguishable graphs in iPlot, does anybody happen to have a list of
- > let's say, 16 different RGB values for that?
- > I see, that there is a way to construct your own color table.. but.. do
- > I really have to? :)
- > I'm a scientist, who does not necessarily want to know about RGB values
- > of useful colors, but just wants to have different plots nicely
- > distinguished by colors.
- > In PLOT I just can multiply/add my FOR-variable to change the value for
- > the color keyword, but in iPlot? Any suggestions?

FSC_COLOR has 110 (or so) "named" colors you can specify.

You can return the RGB triple for each color by specifying the TRIPLE keyword. Unfortunately, the triple comes back as a 1 by 3 array (so it can be loaded with TVLCT), so you need to transpose it to use it with the object graphics system:

```
iplot, COLOR=Transpose(FSC_COLOR('indian red', /Triple)), [0,1]
```

To see all the colors available, type this:

```
color = FSC_Color(/Select)
```

You will need these programs:

```
http://www.dfanning.com/programs/fsc\_color.pro  
http://www.dfanning.com/programs/pickcolorname.pro
```

The program can be easily modified to work directly with IPLOT.

Cheers,

David

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David Fanning, Ph.D.

