
Subject: Re: Trivial colour table problem

Posted by [Michael Wallace](#) on Wed, 03 Nov 2004 17:45:16 GMT

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- > I would be extremely grateful if anybody can help me with this trivial
- > Colour Table problem:
- >
- > I have a pre-defined colour table (RAINBOW - 13), but only want to use
- > some of the 256 available colours. The colours I want to use are the
- > following:
- > a) from 80 to 110 (shades of blue)
- > b) from 128 to 144 (shades of green)
- > c) from 188 to 200 (shades of yellow)
- > d) from 208 to 240 (shades of red)
- > for a total of 90 colors.
- >
- > What I would like to do is to construct a colour table with the
- > aforementioned 90 colours ordered sequentially (say from 0 to 89) and
- > the remaining 166 white.

loadct, 13

tv!ct, r, g, b, /get

```
r_new = [r[80:110], r[128:144], r[188:200], r[208:240], $  
         replicate(255, 166)]
```

```
g_new = [g[80:110], g[128:144], g[188:200], g[208:240], $  
         replicate(255, 166)]
```

```
b_new = [b[80:110], b[128:144], b[188:200], b[208:240], $  
         replicate(255, 166)]
```

```
tv!ct, r_new, b_new, g_new
```

-Mike
