
Subject: color table question

Posted by [robert.dimeo](#) on Thu, 14 Mar 2002 18:14:52 GMT

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Hi,

I suspect that this question will have a very simple answer (hoping, anyway).

I want to display an image using color table 6 but this color table does not have white in it. Next I want to display a white crosshairs on top of the image. The way that I do this is not ideal because I am loading the black-white color table after displaying the color image in the window but before I draw the crosshairs (see test code below). The reason that this is not ideal is that, in my application, I am really moving this crosshairs around the screen as the cursor moves over the image. Motion events are being generated resulting in many calls to loadct, slowing down the whole works.

I guess what I am really asking for is a persistent way to specify the color of something as white (for instance) when a particular color table has been loaded. I suspect that I can replace one of the color table entries with [255,255,255] for instance? I just am not sure how to do this.

Any help you can give is greatly appreciated!

Best regards,

Rob

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pro test_color
loadct,6,/silent

```
window,xsize = 225,ysize = 225,/free & winVis = !d.window
window,/free,/pixmap,xsize = 225,ysize = 225 & winPix = !d.window
image = smooth(byte(255*randomn(s,225,225,/uniform)),5,/edge_truncate)
wset,winPix
tv,image
wset,winVis
device,copy = [0,0,!d.x_size,!d.y_size,0,0,winPix]
loadct,0,/silent
plots,[0,225],[112,112],linestyle = 0,/device
plots,[112,112],[0,255],linestyle = 0,/device
empty
wdelete,winPix
return
end
```
