
Subject: display problem mac osx

Posted by [Cris Lanting](#) on Mon, 03 Apr 2006 08:33:16 GMT

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Hi IDL community,

I have a rather strange display problem. Since I'm working on
(functional) MR imaging

I've written a little program which scales one data-set in the range

0-127 and one data-set in the range

128-255 to make a color overlay of the (thresholded) second image over
the first image by adjusting the colortable.

This works both in Windows and Linux but MacOSX (10.4.5) seems to
handle this a bit strange. Especially when I display a colorbar (thanks
David) the colors are displayed correctly in the colorbar but not in
the image itself.

Here is my code to construct my colortable:

```
ncolors = !D.Table_Size  
halfcolors = Byte(ncolors / 2)  
loadct,0,ncolors=halfcolors  
loadct,3,ncolors=halfcolors,bottom=halfcolors
```

and for the scaling of the data the following snippet:

```
im1=bytsc1(image1,top=halfcolors-1)
```

```
im2=bytsc1(image2>threshold,top=halfcolors-1)+halfcolors
```

```
etc...
```

When I use tv (or my own equivalents) to show my data to the display
the colors in the image are not correct but the colors in the colorbar
are....

Any suggestions about this peculiar problem?
