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Subject: Write PNG from plots with different color tables??

Posted by [Mark Shephard](#) on Tue, 02 Mar 2010 18:51:24 GMT

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Hi all,

I need help! This should be very simple, but I cannot seem to find a solution. I have having problems with the fact that I have two plots using two different color tables that I would like to write into one png file, but, write\_png that only accepts one color table. Here is an example outline:

```
set_plot, 'z'  
;; load color table  
loadct, 0  
tvlct, r, g, b, /get  
  
!P.BACKGROUND = 255 ;white  
  
;;plot simple x,y plot  
plot, x, y, color=1  
  
;;read in gif image and colors  
read_gif, image_gif, r_gif, g_gif, b_gif  
TVLCT, r_gif, g_gif, b_gif  
  
;;plot gif image  
TVSCL, image_gif, 0.85,0.035, /normal  
  
image = tvrd()  
write_png, file_out, image, r, g, b
```

As you can see I have used two r,g,b, color palletes generating the plots : r,g,b (black and white plot) and r\_gif, g\_gif, b\_gif (from gif image). This is fine until I need to generate a png file that only takes one color table.

Any helpful tips?...Merge color tables? Somehow force both plots to just the same color table (..no keyword option for read\_gif)?

Thanks,  
Mark

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