
Subject: Keep getting a transparent background on a composite image

Posted by [simulana](#) on Wed, 08 Apr 2015 21:26:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

http://user.physics.unc.edu/~chaig/research/images/040815/2d_amr1-3_paper.png

Yet another puzzler. I would like a white background instead of transparent, but I can't quite figure out to get it. Further mystery - cgImage plots have a white background, but the cgcolorbar part does not. Is it something in my device command? Is it because I set my own color table? All I know from other forums is that I apparently have something that other people want, but I don't want.

For brevity, I won't post the whole code with all 9 images:

```
set_plot,'ps'
r = Interpol([ 255, 0, 0, 0,255,234,107,0], [0, 36, 73,110,147,184,220,255], Findgen(256))
g = Interpol([ 255, 0,255,126,255, 82, 0,0], [0, 36, 73,110,147,184,220,255], Findgen(256))
b = Interpol([ 255,91,255, 0, 0, 0, 0,0], [0, 36, 73,110,147,184,220,255], Findgen(256))
TVLCT, r, g, b
device,filename='2damr1-3_paper.eps',/color,bits=8,/encaps,x
size=xsizecm,ysize=ysizecm,decomposed=0
cgimage, image(0,*,*), /DEVICE, /SCALE,/AXES,$
position=position1,$
xrange=[-6.25,6.25],yrange=[-8.545,8.545],ytitle='[pc]',$
color='black',charsize=4,/KEEP_ASPECT_RATIO,$
AXKEYWORDS={CHARTHICK:10,xthick:5,ythick:5,xtickformat:'(A1) '},/noerase
cgimage, image(1,*,*), /DEVICE, /SCALE,/AXES,$
position=position2,xrange=[-6.25,6.25],yrange=[-8.545,8.545],$
color='black',charsize=4,/KEEP_ASPECT_RATIO,$
AXKEYWORDS={CHARTHICK:10,xthick:5,ythick:5,ytickformat:'(A1) ',xtickformat:'(A1)'},/noerase
cgimage, image(2,*,*), /DEVICE, /SCALE,/AXES,$
position=position3,xrange=[-6.25,6.25],yrange=[-8.545,8.545],$
color='black',charsize=4,/KEEP_ASPECT_RATIO,$
AXKEYWORDS={CHARTHICK:10,xthick:5,ythick:5,ytickformat:'(A1) ',xtickformat:'(A1)'},/noerase

ticks=loglevels([30,4000],/Fine)
nticks = n_elements(ticks)
cgColorbar,Range=[30,4000],Title='Density (cm!e-3!n)',Position=[0.87, 0.2, 0.90, 0.8],$
/ylong,/vertical,yticks=nticks-1,ytickv=ticks,charsize=5,char thick=13,/right
```
