
Subject: Re: Color PostScript (was: Re: IDL resources on my Web page)

Posted by [Liam Gumley](#) on Wed, 14 Aug 1996 07:00:00 GMT

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

Jan Willem Hartman wrote:

> In <3208DF55.41C6@ssec.wisc.edu> Liam Gumley <liamg@ssec.wisc.edu> writes:
>> Please browse around and let me know if you find any of it useful.
> Well thanks, I found it useful. The esrg library wasn't installed on
> my system, so I didn't know the wonders of TVIM before.

Glad to hear it.

> But. I'm having trouble with printing color postscript files: on
> screen it looks perfect, but on my ps-file the borders of the graph
> are missing (ie presumably white).

The following is from the IDL Reference Guide, p 3-37.

"Note: Unlike monitors where white is the most visible color, PostScript writes black on white paper. Setting the output color index to 0, the default when PostScript output is selected, writes black. A color index of 255 writes white which is invisible on white paper. Color tables are not used with PostScript unless the color mode has been enabled using the DEVICE procedure. See "Color Images" on page 3-41."

In your case, I think you will get the effect you are looking for if you do *not* reverse the color table. The plot will have white text on a black background in the IDL graphics window, but the Postscript file will have black text on a white background.

Cheers,
Liam.

Subject: Re: Color PostScript (was: Re: IDL resources on my Web page)

Posted by [hartman](#) on Thu, 15 Aug 1996 07:00:00 GMT

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

In <3211D708.41C6@ssec.wisc.edu> Liam Gumley <liamg@ssec.wisc.edu> writes:

> In your case, I think you will get the effect you are looking for if
> you do *not* reverse the color table. The plot will have white text
> on a black background in the IDL graphics window, but the Postscript
> file will have black text on a white background.

> Cheers,
> Liam.

Yes, you are right (as I also mailed to you directly). My problem was that in the contour plot I was making, all values of zero would be black, and that would take too much time/resources to be printed. Solution of course then is to 'clip' this value. Thanks to all who responded.

Now for something different (I always seem to want things that are not that easily feasible in IDL, I am not testing you people...). I want 4 graphs next to each other in this way:

```
|-----| |-|
|      |      |||
y|      |      |||
|      |      |||
a|-----|-----| |
x|      |      |||
i|      |      |||
s|      |      |||
|-----|-----| |-|
      x axis
```

i.e. with no white space/annotation between the graphics and if possible, with a scale bar along the total right side of the graph as indicated. Is there a (preferably easy) way to do this?

Thanks (again),

Jan Willem

Subject: Re: Color PostScript (was: Re: IDL resources on my Web page)
Posted by [David.Steele](#) on Fri, 16 Aug 1996 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <hartman.840100620@ruund9.fys.ruu.nl>, hartman@fys.ruu.nl says...

Jan>

Jan> [stuff about earlier problem deleted]

Jan>

Jan>Now for something different (I always seem to want things that are

Jan>not that easily feasible in IDL, I am not testing you people...).

Jan>I want 4 graphs next to each other in this way:

Jan>

```
Jan> |-----| |-|
Jan> |      |      |||
Jan> y|      |      |||
Jan> |      |      |||
Jan> a|-----|-----| |
Jan> x|      |      |||
```

```

Jan>  i|      |      |||
Jan>  s|      |      |||
Jan>  |-----|-----| |-|
Jan>           x axis

```

Jan>

Jan>i.e. with no white space/annotation between the graphics and if possible,

Jan>with a scale bar along the total right side of the graph as indicated.

Jan>Is there a (preferably easy) way to do this?

Jan>

Jan>Thanks (again),

Jan>

Jan>Jan Willem

I would use Fred Knight's MULTILOT.PRO for the array of plots, and Ray Sterner's BAR.PRO for the scale bar. Both tools work well for me. If you don't have access to them, you can e-mail Fred Knight at knight@ll.mit.edu, and get all or part of Ray Sterner's library by anonymous FTP at fermi.jhuapl.edu [128.244.147.18] in /pub/idl. As a last resort, e-mail me and I'll post the versions I have.

Dave

--

```

-----
David P. Steele          Ph: (306) 966-6447
ISAS, University of Saskatchewan  Fax: (306) 966-6400
116 Science Place      David.Steele@usask.ca
Saskatoon SK S7N 5E2   CANSAS::STEELE

```
