
Subject: Re: Colormaps (a favorite subject!)

Posted by [Liam E. Gumley](#) on Tue, 28 Mar 2000 08:00:00 GMT

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Kenneth P. Bowman <kbowman@null.net> wrote in message
news:kbowman-2803001837260001@tl6-218-030.tca.net...

> In article <38E0C93C.AF2BD78D@ssec.wisc.edu>, "Liam E.Gumley"

> <Liam.Gumley@ssec.wisc.edu> wrote:

>

>> I would also

>> encourage you to start thinking about designing you application to work

>> in 24-bit graphics mode, where color flashing problems do not exist, and

>> you always have 256 color table entries available.

>

> And where you cannot do 24-bit PostScript output to print your pretty

> 24-bit displays.

>

> Seriously, I agree with Liam that an all 24-bit world nice. I'm very

> frustrated by the inability to make hard copies of 24-bit graphics other

> than through bitmaps. This is becoming more and more of a problem as our

> displays change to 24-bit and my graphics tools (want to) change with

> them.

Ken,

It seems like the PRINTER device allows decomposed 24-bit colors to be used.

The following example produces a blue on white plot in IDL 5.3 on my

Windows98 PC. When dialog_printersetup is called, I select the 'HP Color

Laserjet PS' printer, with output directed to a file.

```
result = dialog_printersetup()
set_plot, 'PRINTER'
device, /true_color
plot, indgen(10), color='FF0000'XL
device, /close
```

Something similar could be probably be configured in IDL for UNIX. Let me know how it goes.

Cheers,
Liam.
