
Subject: Re: problem with color graph with idl 5.0 Win95 version

Posted by [Liam Gumley](#) on Tue, 02 Feb 1999 08:00:00 GMT

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vincent wrote:

> I need to make a graph which contains more different plots inside. I
> have used the commands plot and oplot with the keywords Color but i have
> no what i want. The result is indeed the graph i need but every line is
> showed in a grey level rather then in a color way.

Give this a go:

```
;---cut here---
```

```
PRO COLORS, START = START
```

```
;  
;+  
; Purpose:  
;   Load the sixteen McIDAS graphics colors into the current color  
table.  
;  
; Usage:  
;   COLORS  
;  
; Input:  
;   None  
;  
; Output:  
;   None  
;  
; Optional Keywords:  
;   START Start index in the color table where the McIDAS graphics  
;         colors will be loaded (default = 0).  
;  
; Notes:  
;   The color table assignments are as follows  
;   0 => black  
;   1 => magenta  
;   2 => cyan  
;   3 => yellow  
;   4 => green  
;   5 => red  
;   6 => blue  
;   7 => white  
;   8 => navy  
;   9 => gold  
;   10 => pink  
;   11 => aquamarine  
;   12 => orchid
```

```
; 13 => gray
; 14 => sky
; 15 => beige
;
; Example:
; colors
; xyouts, 0, 0, 'Magenta', /device, color=1
; xyouts, 0, 100, 'Red', /device, color=5
; xyouts, 0, 200, 'Green', /device, color=4
; xyouts, 0, 300, 'Blue', /device, color=6
;
; Author:
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;-
```

;- Check keywords

```
if n_elements( start ) ne 1 then start = 0
```

;- Load McIDAS graphics colors

```
r = [0,255,0,255,0,255,0,255,0,255,255,112,219,127,0,255]
g = [0,0,255,255,255,0,0,255,0,187,127,219,112,127,163,171]
b = [0,255,255,0,0,0,255,255,115,0,127,147,219,127,255,127]
tvlct, r, g, b, start
```

END

;---cut here---

Note: If you want Postscript output, don't forget to do the following:

```
SET_PLOT, 'PS'
DEVICE, /COLOR, BITS=8, ...
```

Cheers,
Liam.

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