
Subject: Re: window colour maps

Posted by [Liam Gumley](#) on Tue, 23 Sep 1997 07:00:00 GMT

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Peter Gallagher wrote:

> Does anyone know how to select a separate colour map for several
> windows? I am currently working with 2 windows; I want one window
> with a black and white colour map and the other with a red temp.
> colour table.

It's pretty easy: just split the color table in half as shown below.

```
;-----  
pro test
```

```
;- create two windows and save their window ids
```

```
window, /free  
w1 = !d.window  
window, /free  
w2 = !d.window
```

```
;- assign colors for window 1
```

```
bottom1 = 0L  
ncolors1 = !d.table_size / 2
```

```
;- assign colors for window 1
```

```
bottom2 = ncolors1  
ncolors2 = !d.table_size - ncolors1
```

```
;- display an image in the first window with a greyscale color table
```

```
wset, w1  
loadct, 0, bottom = bottom1, ncolors = ncolors1  
tv, bytscl( dist(256), top = ncolors1 - 1 ) + byte( bottom1 )
```

```
;- display an image in the second window with a red/white color table
```

```
wset, w2  
loadct, 3, bottom = bottom2, ncolors = ncolors2  
tv, bytscl( dist(256), top = ncolors2 - 1 ) + byte( bottom2 )
```

```
end  
;-----
```

Cheers,
Liam.
