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Subject: Re: Color conversions

Posted by [Paul Van Delst\[1\]](#) on Thu, 10 Jul 2008 16:36:03 GMT

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David Fanning wrote:

> MichaelT writes:

>

>> here is something I'd like to do and I do not know how, despite some

>> lengthy searches and trials:

>>

>> Say, I have displayed an image in a window and plotted some other

>> things on top. All that with a certain color table. Later, I want to

>> switch to a different color table and display the very content with

>> the new color table. I do not want to do all the displaying and

>> plotting, again. Just read the content of the window and display it

>> with another color table. So I tried something with TVRD - without any

>> success.

>> How would you do it? Is there a simple way?

>

> Not only is there no simple way, I think there is basically

> no way, unless you maybe are still using an 8-bit display.

>

> But, typically, people solve this problem by loading a new

> color table and re-displaying the graphic. :-)

And it should be easy, right? I mean you've encapsulated all your display code into a routine, say "display\_data" (right?), so all you have to do is

```
; default color table index
```

```
cidx = 0
```

```
repeat begin
```

```
  ; Load color table
```

```
  loadct, cidx
```

```
  ; display data
```

```
  display_data, mydata
```

```
  ; Get new colour table index
```

```
  read, "New color table index [0-40] : ", cidx
```

```
endrep until (cidx lt 0 or cidx gt 40)
```

```
?
```

```
cheers,
```

paulv

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