Subject: making a color image

Posted by Greg Hennessy on Thu, 06 Sep 2007 17:49:09 GMT

I have three 8 bit images in three filters that I want to display as a
"true color" image. My workstation should be able to handle it.
IDL> help,/device
Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X Z
Current graphics device: X
   Server: X11.0, The X.Org Foundation, Release 70000000
   Display Depth, Size: 24 bits, (1280,960)
   Visual Class: TrueColor (4)
   Bits Per RGB: 8 (8/8/8)
   Physical Color Map Entries (Emulated / Actual): 256 / 256
   Colormap: Shared, 16777216 colors. Translation table: Bypassed
   Graphics pixels: Combined, Dither Method: Ordered
   Write Mask: 16777215 (decimal) ffffff (hex)
   Graphics Function: 3 (copy)
   Current Font: <default>,   Current TrueType Font: <default>
   Default Backing Store: Pixmap.

When I try what I think should work:

IDL> tv,[[v],[r],[i]]

what is displayed is black and white only. I *used* to know how to do
this 15 years ago when I had an IVAS, but haven't done it with a
workstation. I'm probably missing something obvious, but what?

Thanks.