
Subject: Making discrete color table into a continuous one

Posted by [Dave\[3\]](#) on Tue, 09 Feb 2010 13:46:38 GMT

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I have the color table blues :(

Does anyone have any tips on how to make a discrete set of 25 colors into a continuous 255 element color table? The discrete colors are:

```
rgb = [[153,153,153], $
       [212,170,255], $
       [178,102,255], $
       [127, 0,255], $
       [102,140,255], $
       [ 0, 63,255], $
       [ 0,127,127], $
       [102,197,255], $
       [102,255,197], $
       [ 0,255,159], $
       [ 31,255, 0], $
       [ 63,127, 0], $
       [178,255,102], $
       [212,255,170], $
       [223,255, 0], $
       [255,216,102], $
       [255,143, 76], $
       [191, 0, 0], $
       [255, 0, 95], $
       [255,102,159], $
       [116, 38,127], $
       [127, 0, 0], $
       [127, 76, 51], $
       [127, 47, 0], $
       [ 76, 61, 61]]
```

I'd like them to transition 'smoothly' from one to the next but I'm not sure what the best way to do this is.

Thanks.

Dave
