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Subject: Re: Error in coyote's colorbar

Posted by [Loren Anderson](#) on Fri, 12 Oct 2007 15:38:15 GMT

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Another way to approach this problem may be to scale the colors and not the image, especially since you are working with a small dynamic range.

```
TVLCT, r, g, b, /Get
```

```
rnew = logscl(r) ;These are David Fanning routines as well
```

```
bnew = logscl(g)
```

```
gnew = logscl(b)
```

```
TVLCT, rnew, gnew, bnew
```

```
colorbar, minrange = 0, maxrange = 70.7107, format = '(f6.2)', /
```

```
vertical, /right
```

The colors in the colorbar are logarithmic, but the values are linear, if that makes any sense. I don't like scaling the images because it can take a long time for the images I work with. I think it's easier to read too.

-Loren

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