
Subject: Re: LOADCT and TVSCL
Posted by [btt](#) on Fri, 19 Mar 2004 19:20:52 GMT
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Michael Wallace wrote:

```
>> Suppose I want to use B-W Linear color table inverted. From white do
>> black. I thought this code could do it:
>>
>> LOADCT, 0
>> for i = 0, 255 do TVLCT, 255-i, 255-i, 255-i, i
>> TVSCL, img
>>
>> Doesn't work. I haven't understood well how TVLCT works? What's wrong?
>> How can I make it?
>
>
>
> Try sending arrays to tvlct instead...
>
> i = 255 - indgen(256) ; create an array from 255 to 0
> tvlct, i, i, i ; use this array for red, green and blue
```

You could also leave the color table alone and manipulate the image instead.

```
IDL> img = BYTSCL(hanning(200,200), top = 150B) + 30B
```

```
IDL> loadCT, 0
IDL> tvscl, img
IDL> tvscl, 255B - img, 210, 0
```

Liam Gumley's IMDISP and David Fanning's TVIMAGE have this "inverting" capability built-in via keywords.

ben
