
Subject: write_GIF, PNG: incomplete palette
Posted by [Streun Andreas](#) on Mon, 16 Dec 2002 17:46:58 GMT
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Hi there,

when writing PNGs (or GIFs in IDL<5.4) I don't get the full 256 color palette but only something like 69 colors. As far as I know GIFs can have up to 256 colors. Any idea what's the problem?

Thanks and best regards,

Andreas Streun

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```
; define a colortable: black,blue>>>grey>>>red,white:
; (colortable is ok, checked by xpalette, xloadct)
```

```
  rvec=bytarr(256) & gvec=rvec & bvec=rvec
  index=bindgen(127)+1
  gvec=[0,  index, 128-index,255]
  bvec=[0,255-index, 128-index,255]
  rvec=[0,  index, 127+index,255]
```

```
; set the colortable:
```

```
  tvlct, rvec, gvec, bvec
```

```
;... plot something.....
```

```
;read the display and write it to png (or gif):
```

```
  write_png, pngfile, tvrd(), rvec, gvec, bvec
```

```
; png or gif files show the image, but the colors are only
; a subset of my table, seem to come from the upper half only:-)
```

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