
Subject: tv problem

Posted by [R. Bauer](#) on Tue, 23 Sep 1997 07:00:00 GMT

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-----4487620152BF

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi,

I caught by a problem whith tv.

(idl 5.0 on aix)

testz2.gif is a colorbar which will be displayed on screen perfectly.
The same on Postscript Device gives cbar.ps and it's totally black.

What is wrong?

Please help me!

PRO tvprob

read_gif,'testz2.gif',z2,r,g,b

tvlct,r,g,b

tv,z2,1.092,5.0 , xsize=1.05, ysize=10.85,/cent

set_plot, 'ps'

device,filename='cbar.ps',/color,/portrait

read_gif,'testz2.gif',z2,r,g,b

tvlct,r,g,b

tv,z2,1.092,5.0 , xsize=1.05, ysize=10.85,/cent

device,/close

set_plot,'X'

END

--

R.Bauer

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Forschungszentrum Juelich
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-----4487620152BF
Content-Type: image/gif; name="testz2.gif"
Content-Transfer-Encoding: base64
Content-Disposition: inline; filename="testz2.gif"

R0IGODdhCgAAAfCAAAAAAP8AAAAA/wD/AP8A/4AA//+AALQAAAD/////AAD/ vgAAAAAAAAAAAA
AAAAAAAAABAQEBERERISEhMTEExQUFBUVFRYWFhcXFxgYGBkZGRoaGhsbGxwc
HB0dHR4eHh8f
HyAgICEhISiiliMjlyQkJCUIJSYmJicnJygoCKpKSoqKisrKywsLC0tLS4u Li8vLzAwMDEEx
MTlyMjMzMzQ0NDU1NTY2Njc3Nzg4ODk5OT06Ojs7Ozw8PD09PT4+Pj8/P0BA
QEFBQUJCQkND
Q0REREVFRUZGRkdHR0hISEIJSUpKSktLS0xMTE1NTU5OTk9PT1BQUFFRUVJS
UINTU1RUVFVV
VVZWVldXV1hYWFIZWVpaWltbW1xcXF1dXV5eXl9fX2BgYGFhYWJiYmNjY2Rk
ZGVlZWZmZmdn
Z2hoaGlpaWpqamtra2xsbG1tbW5ubm9vb3BwcHFxcXJycnNzc3R0dHV1dXZ2 dnd3d3h4eHI5
eXp6ent7e3x8fH19fX5+fn9/f4CAglGBgYKCgoODg4SEhIWfHyaGhoeHh4il ilmJiYqKiouL
i4yMjI2NjY6Ojo+Pj5CQkJKRkZKSkpOTk5SUIJWVIZaWlpeXl5iYmJmZmZqa mpubm5ycnJ2d
nZ6enp+fn6CgoKGhoaKioqOjo6SkpKWlpaampqenp6ioqKmpqaqqqqurq6ys rK2tra6urq+v
r7CwsLGxsbKysrOzs7S0tLW1tba2tre3t7i4uLm5ubq6uru7u7y8vL29vb6+ vr+/v8DAwMHB
wcLCwsPDw8TEExMXFxcbGxsfHx8jlyMnJycrKysvLy8zMzM3Nzc7Ozs/Pz9DQ 0NHR0dLS0tPT
09TU1NXV1dbW1tfX19jY2NnZ2dra2tvb29zc3N3d3d7e3t/f3+Dg4OHh4eLi 4uPj4+Tk5OXI
5ebm5ufn5+jo6Onp6erq6uvr6+zs7O3t7e7u7u/v7/Dw8PHx8fLy8vPz8/T0 9PX19fb29vf3
9/j4+Pn5+fr6+vv7+/z8/P39/f7+/v///ywAAAAACgAAAQcl/wAVCBxIMIHB gwgTKlzlKHD
hxAjSpxlsaLFixgzXkTAsaPHjyBDihxJsqtJkyhTqlzJsqXLlZBDHphJs6bN mzhz6tzJs6fP
n0CDCh1KtKhRogaSKl3KtKnTp1CjSp1KtarVq1izat3KtavTAmDDih1LtqzZ s2jTql3Ltq3b
t3Djyp0bl4Ddu3jz6t3Lt6/fv4ADCx5MuLDhw4gTK947oLHjx5AjS55MubLI y5gza97MubPn
z6A9CxxNurTp06hTq17NurXr17Bjy55Nu7bt26gD6N7Nu7fv38CDCx9OvLjx 48iTK1/OvPly
ANCjS59Ovbr169iza9/Ovbr37+DDiwUfT756QAA7

-----4487620152BF
Content-Type: application/postscript; name="cbar.ps"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="cbar.ps"

%!PS-Adobe-3.0
%%BoundingBox: 54 360 558 720
%%Title: Graphics produced by IDL
%%For: icg105@ich230, /home1/icg105/IDL/RB_LIB/V1_1/plot
%%Creator: IDL Version 5.0 (AIX ibmr2)
%%CreationDate: Tue Sep 23 16:56:57 1997
%%DocumentData: Clean7bit
%%Requirements: color

```

%%LanguageLevel: 1
%%PageOrder: Ascend
%%Pages: (atend)
%%DocumentNeededResources: (atend)
%%EndComments
%%BeginProlog
%+ prolog.ps -- Prolog for IDL generated PostScript files
%+ Copyright (c) 1988-1997 Research Systems, Inc. All Rights Reserved.
%v 3
save /$IDL_DICT 40 dict def $IDL_DICT begin /bdef { bind def } bind def /C
{currentpoint newpath moveto} bdef /CP {currentpoint} bdef /D {currentpoint
stroke moveto} bdef /F {closepath fill} bdef /K { setgray } bdef /M {moveto}
bdef /N {rmoveto} bdef /P {lineto} bdef /R {rlineto} bdef /S {gsave show
grestore} bdef /X {currentpoint pop} bdef /Z {gsave currentpoint lineto 20
setlinewidth 1 setlinecap stroke grestore} bdef /L0 {[ ] 0 setdash} bdef /L1
{[40 100] 0 setdash} bdef /L2 {[200 200] 0 setdash} bdef /L3 {[200 100 50
100] 0 setdash} bdef /L4 {[300 100 50 100 50 100 50 100] 0 setdash} bdef /L5
{[400 200] 0 setdash} bdef /STDFONT { findfont exch scalefont setfont } bdef
/ISOFONT { findfont dup length dict begin { 1 index /FID ne {def} {pop pop}
ifelse } forall /Encoding ISOLatin1Encoding def currentdict end /idltmpfont
exch definefont exch scalefont setfont } bdef /ISOBULLET { gsave /Helvetica
findfont exch scalefont setfont (\267) show currentpoint grestore moveto}
bdef end 2.5 setmiterlimit
%%EndProlog
%%Page: 0 1
%%PageRequirements: color
%%PageResources: (atend)
%%PageOrientation: Portrait
%%PageBoundingBox: 54 360 558 720
%%BeginPageSetup
save $IDL_DICT begin 54 360 translate 0.0283465 dup scale
%%IncludeResource: font Helvetica
423.333 /Helvetica STDFONT
%%EndPageSetup
gsave 1092 5000 translate /picstr 1 string def 1049 10850 scale
10 256 4 [10 0 0 256 0 0]
/COLORTAB < 000000 000111 000222 000333 000444 000555 000666 000777 000888
000999 000aaa 000bbb 000ccc 000ddd 000eee 000fff 111000 111111 111222 111333
111444 111555 111666 111777 111888 111999 111aaa 111bbb 111ccc 111ddd 111eee
111fff 222000 222111 222222 222333 222444 222555 222666 222777 222888 222999
222aaa 222bbb 222ccc 222ddd 222eee 222fff 333000 333111 333222 333333 333444
333555 333666 333777 333888 333999 333aaa 333bbb 333ccc 333ddd 333eee 333fff
444000 444111 444222 444333 444444 444555 444666 444777 444888 444999 444aaa
444bbb 444ccc 444ddd 444eee 444fff 555000 555111 555222 555333 555444 555555
555666 555777 555888 555999 555aaa 555bbb 555ccc 555ddd 555eee 555fff 666000
666111 666222 666333 666444 666555 666666 666777 666888 666999 666aaa 666bbb
666ccc 666ddd 666eee 666fff 777000 777111 777222 777333 777444 777555 777666
777777 777888 777999 777aaa 777bbb 777ccc 777ddd 777eee 777fff 888000 888111

```

```
ffbbbb ffcccc ffdddd ffeeee ffffff > def
```

```
{COLORTAB currentfile picstr readhexstring pop 0 get
```

```
3 mul 3 getinterval } bind false 3 colorimage
```

[illegible]

```
grestore
%%PageTrailer
showpage
end restore
%%PageResources: font Helvetica
%%Trailer
restore
%%Pages: 1
%%DocumentNeededResources: font Helvetica
%%EOF
```

```
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> Hi,  
>  
> I caught by a problem whith tv.  
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> (idl 5.0 on aix)  
>  
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> What is wrong?
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R.Bauer

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