



 AHELP for CIAO 3.4

color_image

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Synopsis

Run `dmimg2jpg` to make a color JPEG image

Syntax

```
color_image -i infile -o outfile -x xcenter -y ycenter -w width -b
binfac -S minsoft:maxsoft -M minmed:maxmed -H minhard:maxhard
```

Description

The `color_image` script runs the `dmimg2jpg` tool virtual files as input. The script syntax is:

```
unix% color_image
Usage: color_image -i infile -o outfile -x xcenter -y ycenter
        -w width -b binfac
        -S minsoft:maxsoft -M minmed:maxmed -H minhard:maxhard
xcenter, ycenter - Image Center in Sky Coordinates (X,Y)
width           - Size of image in X and Y
binfac          - Binning factor in X and Y
minsoft:maxsoft - Min, Max energies in eV for soft band
minmed:maxmed   - Min, Max energies in eV for medium band
minhard:maxhard - Min, Max energies in eV for hard band
Help: color_image -h - Print this message
```

This script is used in the [Create A True Color Image thread](#).

Example

```
color_image -i acisf01838N001_evt2.fits -o script_1838.jpg -x 4076 -y
4257 -w 250 -b 1 -S 200:1500 -M 1500:2500 -H 2500:8000
```

Create a color image for ObsID 1838 that is 250 pixels wide and centered at $(x,y)=(4076,4257)$. The energy bands are 200:1500 (soft band), 1500:2500 (medium band), and 2500:8000 (hard band).

NOTES

This script is not an official part of the CIAO release but is made available as "contributed" software via the [CIAO scripts page](#). Please see the [installation instructions page](#) for help on installing the package.

Bugs

See the [bugs page for this script](#) on the CIAO website for an up-to-date listing of known bugs.

See Also

dm [dmimages](#), [dmimfiltering](#)
gui [firstlook](#), [prism](#)
tools [dmappend](#), [dmcontour](#), [dmfilth](#), [dmimg2jpg](#), [dmimgcalc](#), [dmimghist](#), [dmimgpick](#), [dmimgthresh](#), [dmregrid](#),
[get_sky_limits](#)

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URL:
http://cxc.harvard.edu/ciao3.4/color_image.html
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