



Linux Ubuntu 26.04 Manual Pages on command 'jpgicc.1'

\$ man jpgicc.1

JPGICC(1) General Commands Manual JPGICC(1)

NAME

jpgicc - little cms ICC profile applier for JPEG.

SYNOPSIS

jpgicc [options] input.jpg output.jpg

DESCRIPTION

lcms is a standalone CMM engine, which deals with the color management. It implements a fast transformation between ICC profiles. jpgicc is a little cms ICC profile applier for JPEG.

OPTIONS

- b Black point compensation.
- c NUM Precalculates transform (0=Off, 1=Normal, 2=Hi-res, 3=LoRes) [defaults to 1].
- d NUM Observer adaptation state (abs.col. only), (0..1.0, float value) [defaults to 0.0].
- e Embed destination profile.
- g Marks out-of-gamut colors on softproof.
- h NUM Show summary of options and examples (0=help, 1=Examples, 2=Built-in profiles, 3=Contact information)
- i profile
Input profile (defaults to sRGB).
- l link
TODO: explain this option.
- m NUM SoftProof intent (0,1,2,3) [defaults to 0].
- n Ignore embedded profile.

-o profile

Output profile (defaults to sRGB).

-p profile

Soft proof profile.

-q NUM Output JPEG quality, (0..100) [defaults to 75].

-s newprofile

Save embedded profile as newprofile.

-t NUM Rendering intent

0=Perceptual [default]

1=Relative colorimetric

2=Saturation

3=Absolute colorimetric

10=Perceptual preserving black ink

11=Relative colorimetric preserving black ink

12=Saturation preserving black ink

13=Perceptual preserving black plane

14=Relative colorimetric preserving black plane

15=Saturation preserving black plane

-v Verbose.

! NUM,NUM,NUM

Out-of-gamut marker channel values (r,g,b) [defaults: 128,128,128].

BUILT-IN PROFILES

*Lab2 -- D50-based v2 CIEL*a*b

*Lab4 -- D50-based v4 CIEL*a*b

*Lab -- D50-based v4 CIEL*a*b

*XYZ -- CIE XYZ (PCS)

*sRGB -- sRGB color space

*Gray22 - Monochrome of Gamma 2.2

*Gray30 - Monochrome of Gamma 3.0

*null - Monochrome black for all input

*Lin2222- CMYK linearization of gamma 2.2 on each channel

EXAMPLES

To color correct from scanner to sRGB:

```
jpgicc -iscanner.icm in.jpg out.jpg
```

To convert from monitor1 to monitor2:

```
jpgicc -imon1.icm -omon2.icm in.jpg out.jpg
```

To make a CMYK separation:

```
jpgicc -oprinter.icm inrgb.jpg outcmyk.jpg
```

To recover sRGB from a CMYK separation:

```
jpgicc -iprinter.icm incmyk.jpg outrgb.jpg
```

To convert from CIE Lab ITU/Fax JPEG to sRGB

```
jpgicc -iitufax.icm in.jpg out.jpg
```

To convert from CIE Lab ITU/Fax JPEG to sRGB

```
jpgicc in.jpg out.jpg
```

NOTES

For suggestions, comments, bug reports etc. send mail to info@littlecms.com.

SEE ALSO

[linkicc\(1\)](#), [psicc\(1\)](#), [tificc\(1\)](#), [transicc\(1\)](#)

AUTHOR

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