

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 CIELab ITU/Fax JPEG to sRGB

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

To convert from CIELab 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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