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].

 $-\mathbf{d} NUM$

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

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