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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