#### **NAME**

linkicc - little cms device link generator.

### **SYNOPSIS**

linkicc [options] files>

### DESCRIPTION

lcms is a standalone CMM engine, which deals with the color management. It implements a fast transformation between ICC profiles. **linkicc** is little cms device link generator.

Links two or more profiles into a single devicelink profile. Colorspaces must be paired except Lab/XYZ, that can be interchanged.

#### **OPTIONS**

- **-8** Creates 8-bit devicelink.
- **-b** Black point compensation.
- -c < 0,1,2,3 >

Precission (0=LowRes, 1=Normal, 2=Hi-res). [defaults to 1]

-d description

Description text (quotes can be used).

### -h < 0,1,2,3 >

Show summary of options and examples.

-i profile

Input profile (defaults to sRGB).

# -k <0..400>

Ink-limiting in % (CMYK only)

**−o** profile

Output devicelink profile. [defaults to 'devicelink.icm']

## -t < 0,1,2,3 >

Intent (0=Perceptual, 1=Colorimetric, 2=Saturation, 3=Absolute).

-x Creatively, guess device lass of resulting profile.

Built-in profiles:

```
*Lab -- D50-based CIEL*a*b (PCS)
```

\*XYZ -- CIE XYZ (PCS)

\*sRGB -- sRGB color space

\*Gray22- Monochrome of Gamma 2.2

\*Lin2222- CMYK linearization of gamma 2.2 on each channel

# **EXAMPLES**

To create 'devicelink.icm' from a.icc to b.icc:

linkicc a.icc b.icc

To create 'out.icc' from sRGB to cmyk.icc:

linkicc -o out.icc \*sRGB cmyk.icc

To create a sRGB input profile working in Lab:

linkicc -x -o sRGBLab.icc \*sRGB \*Lab

To create a XYZ -> sRGB output profile:

linkicc -x -o sRGBLab.icc \*XYZ \*sRGB

To create a abstract profile doing softproof for cmyk.icc:

linkicc -t1 -x -o softproof.icc \*Lab cmyk.icc cmyk.icc \*Lab

To create a 'grayer' sRGB input profile:

linkicc -x -o grayer.icc \*sRGB gray.icc gray.icc \*Lab

To embed ink limiting into a cmyk output profile:

linkicc -x -o cmyklimited.icc -k 250 cmyk.icc \*Lab

# **NOTES**

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

### **SEE ALSO**

 $\mathbf{jpgicc}(1)$ ,  $\mathbf{tificc}(1)$ ,  $\mathbf{psicc}(1)$ ,  $\mathbf{transicc}(1)$ ,

# **AUTHOR**

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