



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

\$ man linkicc.1

LINKICC(1) General Commands Manual LINKICC(1)

NAME

linkicc - little cms device link generator.

SYNOPSIS

linkicc [options] profiles

DESCRIPTION

lcms is a standalone CMM engine, which deals with the color management. It implements a fast transformation between ICC profiles. linkicc is a 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

-a NUM Observer adaptation state (abs.col. only), (0..1.0, float value) [defaults to 1.0].

-b Black point compensation.

-c precision

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

-d description

Description text (quotes can be used).

-h NUM Show summary of options and examples (0=help, 1=Built-in profiles, 2=Examples, 3=Contact information)

-k inklimit

Ink-limiting in % (CMYK only), (0..400.0, float value) [default 400.0].

-l Use linearization curves (may affect accuracy).

-n gridpoints

Alternate way to set precision, number of CLUT points.

-o profile

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

-r profileversion

Profile version. (CAUTION: may change the profile implementation), (2.0..4.3, float value) [defaults to 4.3].

-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 verbosity

Verbosity level, (0=None, 1=Normal, 2=High, 3=Very High) [defaults to 0].

-x Creatively, guess deviceclass of resulting profile.

-y copyright

Copyright notice (quotes can be used) ["No copyright, use freely"].

-8 Creates 8-bit devicelink.

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 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

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

AUTHOR

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