

User input and output needs:

Equally spaced output for four colorimetric input data sets I

rgb, cmy0, 000k, w

no special device colours

Equally spaced output for six colorimetric input data sets II

olv, cmy0*, 000n*, w**

LAB, LCH**

+8 *LCH**-device colours

Equally spaced output for eighth colorimetric input data sets III

olv, cmy0*, 000n*, w**

LAB, LCH*, nch*, tch**

+8 *LCH**-device colours

Interpretation:
rgb (-> olv)*

**application
program creates
colour data file;
Output / download
of colour file to
colour printer
or monitor**

Test: Equal and equally spaced output?

Both properties for four colorimetric data I?

If YES then
compatibility class **Ia**

If NO then
NO compatibility

Both properties for six colorimetric data II?

If YES then
compatibility class **IIa**

If NO then perhaps
compatibility class Ia

Both properties for eighth colorimetric data III?

If YES then
compatibility class **IIIa**

If NO then perhaps
compatibility class IIa