User input and output needs:		**Test: Equally spaced device and elementary hue output?**

| Interpretation of input data *rgb* as *undefined* colour data | *Remark:* | **Purpose:** |
| *rgb (−> rgb)* | *For output linearisation see ISO/IEC TR 19797* | **Output linearisation** |

Interpretation of input data *rgb* as *undefined* colour data

rgb (−> rgb)

no special device colours

Remark:
For output linearisation see ISO/IEC TR 19797

Purpose:
Output linearisation
If the output is regular then measure lookup table
rgb − LCH* and calculate lookup tables
olv* − rgb', rgb* − rgb"

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

Interpretation of input data *rgb* as *device* colour data

rgb (−> olv*)

Device lookup table
olv* − rgb', 8LCH* data

Test with test file:
Is the device output equally spaced for any of the six device hues *OYLCVM* and for the grey scale?

Interpretation of input data *rgb* as *elementary* colour data

rgb (−> rgb*)

Device lookup table
rgb* − rgb", 8LCH* data

Test with test file:
Is the device output equally spaced for any of the four elementary hues *RJGB* and for the grey scale?

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