

**ISO colour file and loop: file -> print -> scan -> file**

use the ISO file with 729 (=9x9x9) colours, and with 9 and 16 step grey scales:  
[http://standards.iso.org/iso/9241/306/ed-2/AE49/AE49F0PX\\_CY8\\_1.PDF](http://standards.iso.org/iso/9241/306/ed-2/AE49/AE49F0PX_CY8_1.PDF)

**ISO colour file, and OLM16 method for device output linearization**

Literature for input and output linearization  
 Richter, K., Output Linearisation Method  
 OLM16 for Displays, Offset, and Printers, see  
[http://color.li.tu-berlin.de/OUTLIN16\\_01.PDF](http://color.li.tu-berlin.de/OUTLIN16_01.PDF)  
 similar to CIE R8-09:2016 (for CIE members)

**image process**  
 digital -> analog  
**hardware**  
 colour display  
 printer or offset  
 $rgb^* \rightarrow LCh^*$

**image process**  
 digital -> digital  
**software**  
 ICC Look\_Up  
 table or similar  
 $rgb \rightarrow rgb^*$

ISO file  
 with  $rgb^*$  colour data

**image process**  
 analog -> digital  
**hardware**  
 colour scanner,  
 colour camera  
 $LCh^* \rightarrow rgb$

**input linearization**  
 $rgb \rightarrow rgb^*$

**visual test: equal relative spacing (Y/N)? use colours in column b to j**

ISO files with equally spaced color scales:  
<http://standards.iso.org/iso/9241/306/ed-2/index.html>  
<http://standards.iso.org/iso-iec/15775/ed-2/en>

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**ISO colour file and loop: file -> print -> scan -> file**

use ISO file with 16 step colour scales: W\_R(O), W\_G(L), W\_B(V), W\_N  
<http://standards.iso.org/iso-iec/15775/ed-2/en> see Test\_Chart\_4.PDF

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**visual test: equal relative spacing (Y/N)? use the 16 step colour series in Picture D4**

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**visual test: equal relative spacing (Y/N)? use the 16 step colour series in Picture D4**

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see similar files of the whole serie: <http://farbe.li.tu-berlin.de/eeb0/eeb010na.txt> /ps  
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20230801-eeb0/eeb010na.txt /ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=rh4ta