

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

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
 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
 $rgb \rightarrow rgb^*$

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>

fea00-3n, CET40-3N

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

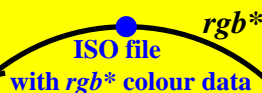
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fea01-3n, CET41-3N

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fea00-7n, CET40-7N

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