

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

use ISO file with 729 (=9x9x9) colours, and with 9 and 16 step grey scales:
http://standards.iso.org/iso/9241/306/ed-2/AE49/AE49RFPX_CY8_1.PDF

ISO colour file, and OLM16 method for device output linearization

ISO file
with rgb^* colour data

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
 $LCh^* \rightarrow rgb$

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>

input linearization
 $rgb \rightarrow rgb^*$

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

TUB registration: 20230801-eeb0/eeb01n1.txt / ps
 application for evaluation and measurement of display or print output

TUB material: code=ha4ta