

ISO colour file and loop: file -> print -> scan or photo -> 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
TUB method for
device output
linearization**

ISO file
with rgb^* colour data

rgb^*

Literature for input and output linearization
Richter, K., Frame File Colour Management (FF_LM)
for the ergonomic display output ..., see
<http://color.li.tu-berlin.de/disgam25e.pdf> &
<http://color.li.tu-berlin.de/dislm25e.pdf>

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

Realization
TUB software
FF_LM

image process
digital -> digital
TUB software
Frame File linea-
rization (FF_LM)
 $rgb \rightarrow rgb^*$

LCh^*

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

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

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

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>

TUB files with equally spaced color scales and FF_LM:
<http://color.li.tu-berlin.de/gens.htm>
<http://color.li.tu-berlin.de/gen3/gen3l0np.pdf>