

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

use ISO file with 729 (=9x9x9) colours, and with 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****ISO file**
with rgb^* colour dataLiterature for input and output linearization
Richner, 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
 $rgb \rightarrow rgb^*$ LCh^* **image process**
analog -> digital
hardware
colour scanner,
colour camera
 $LCh^* \rightarrow rgb$ **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/index.html>**visual test: equal
relative spacing (Y/N)?
use colours in
column b to j**

CET40-3N

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

use ISO file with 729 (=9x9x9) colours, and with 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****ISO file**
with rgb^* colour dataLiterature for input and output linearization
Richner, 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
 $rgb \rightarrow rgb^*$ LCh^* **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**

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**ISO colour file, and
OLM16 method for
device output
linearization****ISO file**
with rgb^* colour dataLiterature for input and output linearization
Richner, 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
 $rgb \rightarrow rgb^*$ LCh^* **image process**
analog -> digital
hardware
colour scanner,
colour camera
 $LCh^* \rightarrow rgb$ **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>**visual test: equal
relative spacing (Y/N)?
use the 16 step colour
series in Picture D4**

CET41-3N

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**ISO colour file, and
OLM16 method for
device output
linearization****ISO file**
with rgb^* colour dataLiterature for input and output linearization
Richner, 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
 $rgb \rightarrow rgb^*$ LCh^* **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 the 16 step colour
series in Picture D4**

CET41-3N