



<http://farbe.li.tu-berlin.de/get6/get610np.pdf / ps>; only vector graphic VG; start output
see separate images of this page: <http://farbe.li.tu-berlin.de/get6/get6.htm>

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

image process
digital → analog
hardware
colour display
printer or offset
 rgb^* → LCh^*

ISO file
with rgb^* colour data

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/dislum25e.pdf>

Realization TUB software
FF_LM

image process
digital → digital
TUB software
Frame File linearization (FF_LM)
 rgb → rgb^*

TUBdevice input linearization
 rgb rgb → rgb^*

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

LCh^*

image process
analog → digital
hardware
colour scanner,
colour camera
 LCh^* → 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>

get60-3n

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 OLM16 method for device output linearization

image process
digital → analog
hardware
colour display
printer or offset
 rgb^* → LCh^*

ISO file
with rgb^* colour data

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

Realization TUB software
FF_LM

image process
digital → digital
TUB software
Frame File linearization (FF_LM)
 rgb → rgb^*

TUBdevice input linearization
 rgb rgb → rgb^*

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

LCh^*

image process
analog → digital
hardware
colour scanner,
colour camera
 LCh^* → 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>

get60-7n

TUB-test chart get6; ISO colour file and loop: file → print → scan → file; Application of
ISO-colour files of ISO 9241-306:2019 and ISO/IEC 15775:2022 for input and output linearization

ISO colour file and loop: file → print → scan or photo → file

use die ISO file with 9 and 16 step colour scales: W_R(O), W_G(L), W_B(V), and W_N

http://standards.iso.org/iso-iec/15775/ed-2/en/Test_Chart_4.PDF

ISO colour file, and TUB method for device output linearization

image process
digital → analog
hardware
colour display
printer or offset
 rgb^* → LCh^*

ISO file
with rgb^* colour data

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/dislum25e.pdf>

Realization TUB software
FF_LM

image process
digital → digital
TUB software
Frame File linearization (FF_LM)
 rgb → rgb^*

TUBdevice input linearization
 rgb rgb → rgb^*

visual test: equal relative spacing (Y/N)?
use the 9 and 16 step col series in Picture D4

LCh^*

image process
analog → digital
hardware
colour scanner,
colour camera
 LCh^* → 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>

get61-3n

ISO colour file and loop: file → print → scan or photo → file

use die ISO file with 9 and 16 step colour scales: W_R(O), W_G(L), W_B(V), and W_N

http://standards.iso.org/iso-iec/15775/ed-2/en/Test_Chart_4.PDF

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

image process
digital → analog
hardware
colour display
printer or offset
 rgb^* → LCh^*

ISO file
with rgb^* colour data

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

Realization TUB software
FF_LM

image process
digital → digital
TUB software
Frame File linearization (FF_LM)
 rgb → rgb^*

TUBdevice input linearization
 rgb rgb → rgb^*

visual test: equal relative spacing (Y/N)?
use the 9 and 16 step col series in Picture D4

LCh^*

image process
analog → digital
hardware
colour scanner,
colour camera
 LCh^* → 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>

get61-7n

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

technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

<http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

