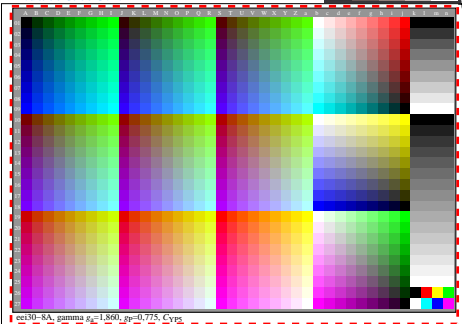
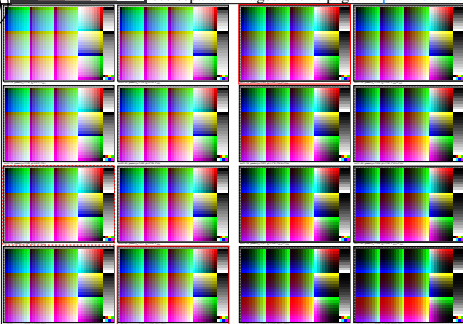


<http://farbe.li.tu-berlin.de/eei3/eei3l0n1.txt> / .ps; only vector graphic VG; start output see separate images of this page: <http://farbe.li.tu-berlin.de/eei3/eei3.htm>



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/eei3.htm>  
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20230701-eei3/eei3l0n1.txt / .ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=thadta

**Ergonomic equally spaced colour output with free application software for still images and video**

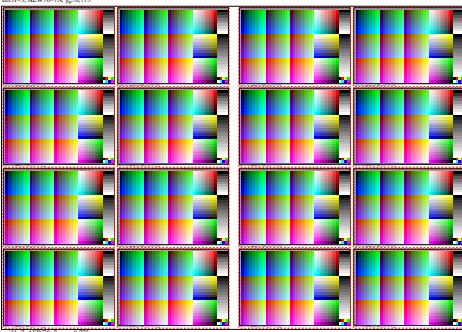
**Application program** Modify the relative Gamma  $\gamma_{rel}$  for the equally spaced display or print output  
 at least relative Gamma values  $0.5 \leq \gamma_{rel} \leq 2.0$  with  $\Delta\gamma_{rel} = 0.1$  shall be available compared to the absolute Gamma value  $\gamma_a = 2.4$  according to IEC 61966-2-1 (sRGB colour space)

Application programs for macOS 10.15 or later, see a free test version: <http://www.lemkesoft.de>  
 For whole display output, see: <https://www.lemkesoft.info/files/gammaadjuster/gammaadjuster.dmg>  
 For still images in many files formats, see: <https://www.lemkesoft.info/files/graphicconverter/gc12.dmg>  
 For application programs on Windows see the paper: <http://color.li.tu-berlin.de/RUSCHIN22.PDF>

**Produce an ergonomic equally spaced output with the software  $\gamma_{rel}$ . Use for example 1080 colours with 9 step colour series according to ISO CEN DIN 9241-306/ed-2:2018**  
 Standard ISO page of ISO 9241-306 with links to the languages English, French, and German  
<https://standards.iso.org/iso/9241/306/ed-2/index.html> Recommendation, use: **Adobe Reader for the links.**  
 1 or 3 ISO pages,  $gP = 1,000$  without or with output questions Some Browsers change capital to small letters and output is then not possible.

8 or 24 ISO pages,  $0.475 \leq gP \leq 1,000$  without or with output questions  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49L.INP.PDF>  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49LONP.PDF>  
 8 or 24 ISO pages,  $1,000 \leq gP \leq 2,105$  without or with output questions  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49FOPX.PDF>  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49FONP.PDF>  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49FONX.PDF>

For similar ISO-test charts of ISO/IEC 15775/ed-2:2022 with 5, 9, and 16 step colour series, see <https://standards.iso.org/iso-iec/15775/ed-2/en/>



TUB-test chart eei3; Test charts with 9 step colour series for ergonomic linearized display output  
 Gamma optimization for 15 ambient display reflections according to ISO 9241-306;  $\gamma_{rel}=0,775$  (right)

