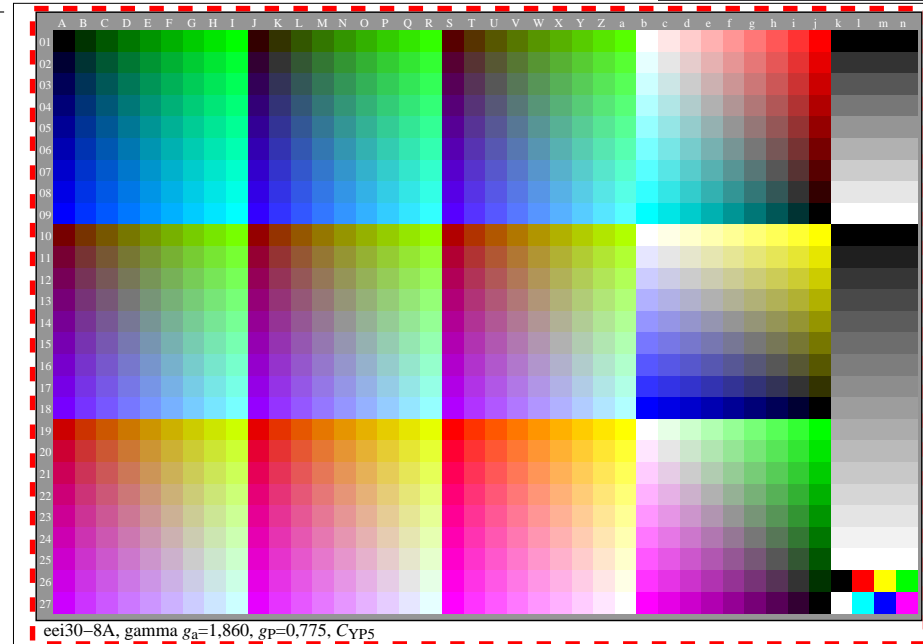
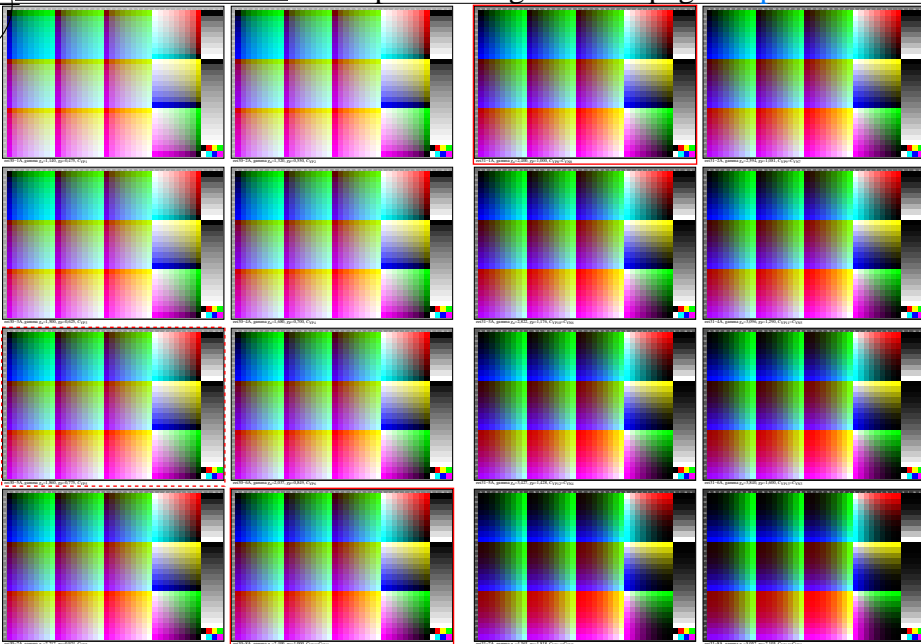


<http://farbe.li.tu-berlin.de/eei3/eei310np.pdf> /.ps; only vector graphic VG; start output  
 see separate images of this page: <http://farbe.li.tu-berlin.de/eei3/eei3.htm>

see similar files of the whole series: <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/eei310np.pdf /.ps  
 application for evaluation and measurement of display or print output

TUB material: code=rh4ta



eei30-3n, AEW80-7N

eei31-3, AEW70-7N, g<sub>p</sub>=0,775

**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



1,0

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 formates, 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>

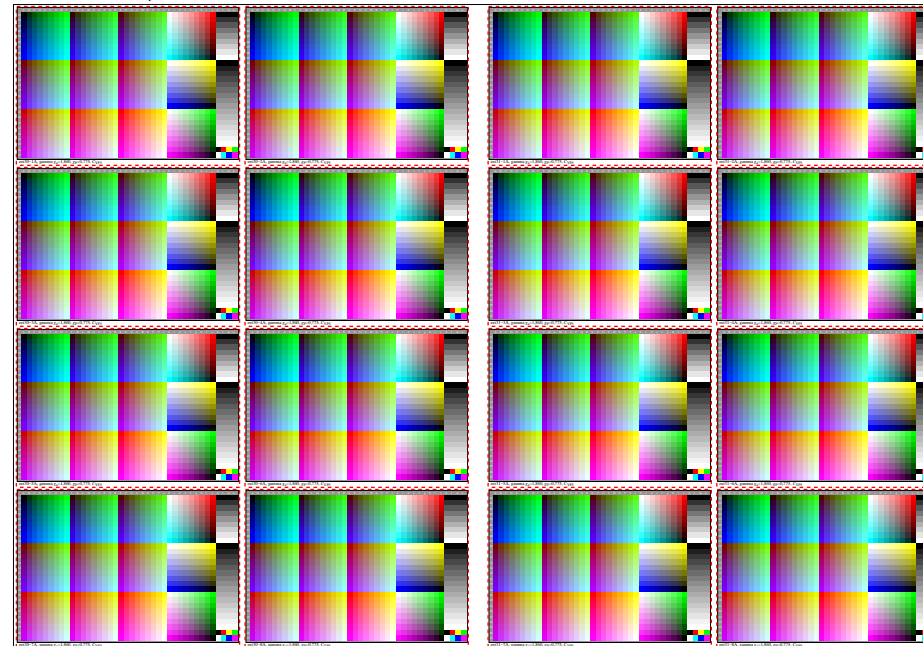
1 or 3 ISO pages,  $g_p = 1,000$  without or with output questions  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49L1NP.PDF>  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49L0NP.PDF>

**Recommendation, use:**  
*Some Readers change capital to small letters and output is then not possible.*

8 or 24 ISO pages,  $0,475 \leq g_p \leq 1,000$  without or with output questions  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49F0P0.PDF>  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49F0PX.PDF>

8 or 24 ISO pages,  $1,000 \leq g_p \leq 2,105$  without or with output questions  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49F0N0.PDF>  
<https://standards.iso.org/iso/9241/306/ed-2/AE49/AE49F0NX.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/>



eei31-7, AEW70-7n, g<sub>p</sub>=0,775

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)

eei30-7, AEW80-7n