

Test of visual linearized output of pictures B2W_{dd} to B3W_{dd} please underline Yes/No
 Output test with computer display () or the external display () please mark by (x)!

Test of the resolution of radial gratings W-C_d, W-M_d, W-Y_d according to picture B2W_{dd}
 Is the resolution diameter < 6 mm? Yes/No
 Test with magnifying glass (e.g. 6x) resolution diameter mm mm mm mm mm

Test of the 14 CIE-test colours according to picture B3W_{dd}
 Are clear (immediately conspicuous) differences recognized between reproduction and test chart? Yes/No
 If Yes: How many colours have clear differences? of the given 14 steps: Steps

Test of 16 visual equidistant L*-grey steps according to picture B3W_{dd}
 Are the 16 steps on the upper rows distinguishable? Yes/No
 If No: How many steps can be distinguished? of the given 16 steps: Steps

part 1, AE290-3dd: 010321

Documentation of file format, hardware and software for this test:

PDF file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN4_1.PDF underline: Yes/No
 PS file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN4_1.PS underline: Yes/No

Used computer operating system: either one of Windows/Mac/Unix/other and version:.....

This evaluation is for the output: underline: monitor/data projector/printer
 Device model, driver and version:.....

output with PDF/PS-file: underline: PDF/PS file

For output with PDF file AE29F0PX_CYN4_1.PDF
 either PDF-file transfer "download, copy" to PDF device.....
 or with computer system interpretation by "Display-PDF":.....
 or with software e. g. Adobe-Reader/-Acrobat and version:.....
 or with software e. g. Ghostscript and version:.....

For output with PS file AE29F0PX_CYN4_1.PS
 either PS-file transfer "download, copy" to PS device.....
 or with computer system interpretation by "Display-PS":.....
 or with software e. g. Ghostscript and version:.....
 or with software e. g. Mac-Yap and version:.....

Special remarks: e. g. output of Landscape (L)

part 3, AE290-7dd: 010321

Test of 16 visually equally spaced steps of the colour rows W-C_d, W-M_d, W-Y_d, and W-N according to picture B4W_{dd}

W-C_d Are all the 16 steps distinguishable? Yes/No
 White - Cyanblue: If No: How many steps can be distinguished? of the given 16 steps: Steps
 W-M_d Are all the 16 steps distinguishable? Yes/No
 White - Magentared: If No: How many steps can be distinguished? of the given 16 steps: Steps
 W-Y_d Are all the 16 steps distinguishable? Yes/No
 White - Yellow: If No: How many steps can be distinguished? of the given 16 steps: Steps
 W-N Are all the 16 steps distinguishable? Yes/No
 White - Black: If No: How many steps can be distinguished? of the given 16 steps: Steps

Test of characters and Landolt-rings in four sizes according to picture B5W_{dd}
 Is the recognition > 50% for letters (17 of 32 at least)?, and for Landolt-rings (minimum 5 of 8)?

| Relative size | Letters | Rings N | Rings C _d | Rings M _d | Rings Y _d |
|---------------|---------|---------|----------------------|----------------------|----------------------|
| 10 | Yes/No | Yes/No | Yes/No | Yes/No | Yes/No |
| 8 | Yes/No | Yes/No | Yes/No | Yes/No | Yes/No |
| 6 | Yes/No | Yes/No | Yes/No | Yes/No | Yes/No |
| 4 | Yes/No | Yes/No | Yes/No | Yes/No | Yes/No |

Test of the recognition frequency of the Landolt rings W-C_d, W-M_d, W-Y_d, and W-N according to picture B6W_{dd}, and B7W_{dd}
 Is the recognition frequency of the Landolt rings > 50% (5 of 8 at least)?

| Colour row W-C _d background - ring | Colour row W-M _d background - ring | Colour row W-Y _d background - ring | Colour row W-N background - ring |
|---|---|---|----------------------------------|
| 0 - 1 Yes/No | 0 - 1 Yes/No | 0 - 1 Yes/No | 0 - 1 Yes/No |
| 7 - 8 Yes/No | 7 - 8 Yes/No | 7 - 8 Yes/No | 7 - 8 Yes/No |
| E - F Yes/No | E - F Yes/No | E - F Yes/No | E - F Yes/No |
| 2 - 0 Yes/No | 2 - 0 Yes/No | 2 - 0 Yes/No | 2 - 0 Yes/No |
| 8 - 6 Yes/No | 8 - 6 Yes/No | 8 - 6 Yes/No | 8 - 6 Yes/No |
| F - D Yes/No | F - D Yes/No | F - D Yes/No | F - D Yes/No |

part 2, AE291-3Ndd: 010321

Documentation of assessor colour-vision properties for visual assessment

The assessor has normal colour vision according to one test: underline: Yes/No
 either according to DIN 6160:1996 with Anomaloskop of Nagel underline: Yes/unknown
 or with test charts using colour points according to Ishihara underline: Yes/unknown
 or tested with, please specify: underline: Yes/unknown

For visual evaluation of the display (Monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky) underline: Yes/No
 PDF file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN4_3.PDF underline: Yes/No
 PS file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN4_3.PS underline: Yes/No
 picture A7_{dd} contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)
 compare standard print output according to ISO/IEC 15775 with range F:0 underline: Yes/No

Remark: In daylighted offices the contrast range is in many cases:
 on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output

PDF file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN4_3.PDF
 picture A7_{dd} underline: Yes/No
 PS file: http://farbe.li.tu-berlin.de/AE29/AE29F0PX_CYN4_3.PS
 picture A7_{dd} or underline: Yes/No

colour measurement and specification for:
 CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: underline: Yes/No
 If No, please give other parameters:

Colorimetric specification for 17 step colours of http://farbe.li.tu-berlin.de/OE70/OE70L1NP.PDF
 Exchange of CIELAB data in file http://farbe.li.tu-berlin.de/AE82/AE82L0NP.TXT and transfer
 of the PS file AE82L0NP.PS (= .TXT) to the PDF-file AE82L0NP.PDF underline: Yes/No
 If No, please describe other method:

part 4, AE291-7dd: 010321

see similar files: <http://farbe.li.tu-berlin.de/AE29/AE29F0NX.PDF> / .PS; 3D-linearization, page 14/24
<http://farbe.li.tu-berlin.de/AE29/AE29LF0NX.PDF> / .PS in file (F)

TUB Registration: 20190301-AE29/AE29L0FA.TXT /.PS
 application for measurement or viewing of display and print output
 TUB material: code=thata