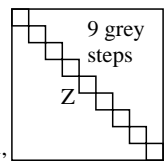


### Equivalent spacing for separate and adjacent colours (Yes/No decision)

Layout example: hue plane O-C, Y-V oder L-M mit 9 grey steps

White W



Chromatic X  
X = O, Y, L

There are three opposite hue planes O-C, Y-V, and L-M.  
The colour steps are separate in the upper figure part and adjacent in the lower figure part.  
Between N and W there are 9 grey steps.  
Mean grey Z is the mean step of N-W.

Black N

Chromatic X'  
X' = C, V, M

All the stepings of the three hue planes O-L, Y-V and L-M should be equivalent for separate and adjacent colours.

#### Is the spacing equivalent for separate and adjacent colours?

underline: Yes/No

Remark: The spacing is not equivalent if there is at least one Yes in one of the following cases; for example see Annex (X):

Is there a continuous colour change for adjacent colours and not for separate colours?

underline: Yes/No

Are there maxima and minima in the colour change for adjacent colours and not for separate colours?

underline: Yes/No

Remarks:.....

Part 1

OE780-3N-030-1

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

**PDF-File:** http://130.149.60.45/farbmetrik/OE78/OE78L2NP.PDF underline Yes/No

**PS-File:** http://130.149.60.45/farbmetrik/OE78/OE78L2NA.PS or underline Yes/No

#### Used computer operating system:

either one of Windows/Mac/Unix/other and version:.....

**This evaluation is for the device output:** underline monitor/data projector/printer

Device model, driver and version:.....

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

#### For device output with PDF-file OE78L2NP.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 device output with PS-file OE78L2NA.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:Special remarks, e. g. output of Landscape (L)

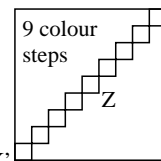
Part 3

OE780-7N-030-1

### Regular colour spacing between colours Z-X' and Z-X (Yes/No decision)

Layout example: hue plane O-C, Y-V oder L-M mit 9 colour steps

White W



Chromatic X  
X = O, Y, L

There are three opposite hue planes O-C, Y-V, and L-M.  
The colour steps are separate in the upper figure part and adjacent in the lower figure part.  
Between X' and X there are 9 colour steps.  
Mean grey Z is the mean step of X'-X.

Black N

Chromatic X'  
X' = C, V, M

All colour steps of the three hue planes O-L, Y-V and L-M should be regular for separate and adjacent colours without large chromatic jumps at mean grey Z

#### Is the colour spacing regular at mean grey Z?

underline: Yes/No

Remark: The colour spacing is not regular if there is at least one Yes in one of the following cases; for example see Annex (X):

Are there colour jumps at the mean grey colour Z towards X or X' for adjacent colours?

underline: Yes/No

Are there colour jumps at the mean grey colour Z towards X or X' for separate colours?

underline: Yes/No

Remarks: A colour jump has at least twice the colour change compared to the mean change.

Part 2

OE781-3N-030-1

### Documentation of assessor colour vision properties for visual assessment

The assessor has **normal** colour vision according to one test:  
either according to DIN 6160:1996 with Anomaloskop of Nagel  
or with test charts using colour points according to Ishihara  
or tested with, please specify: .....

underline Yes/No  
underline Yes/unknown  
underline Yes/unknown  
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://130.149.60.45/farbmetrik/OE78/OE78F1P2.PDF

underline Yes/No

**PS file:** http://130.149.60.45/farbmetrik/OE78/OE78F1P2.PS

underline Yes/No

**Picture A7-030-2: contrast range:** (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)

underline range

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://130.149.60.45/farbmetrik/OE78/OE78F1P2.PDF

**picture A7-030-2**

underline Yes/No

**PS-File:** http://130.149.60.45/farbmetrik/OE78/OE78F1P2.PS

**picture A7-030-2**

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 with PS file for colours in the columns A to T

Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF

underline Yes/No

If No, please describe other method: .....

Part 4

OE781-7N-030-1

OE78: Form A test chart 1 according to DIN 33872-6; DH  
Equivalent and regular colour spacing (Yes/No-decision)

input: *rgb* (->*rgb*\*<sub>d</sub>) *setrgbcolor*  
output 030-1: no change