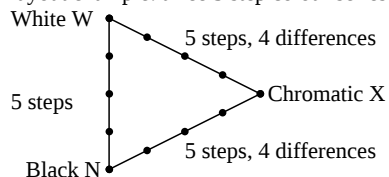


### Discriminability of 5 step colour series (Yes/No decision)

Layout example: three 5 step colour series



There are three basic colours on each page:  
Black N, White W and Chromatic X.  
Ten pages include 10 hue planes  
X = OYLCVM and RJGB.  
There are at maximum 12 distinguishable steps.

All steps of the three series N-W, W-X and X-N should be distinguishable on **all** pages.

Are the three 5step series distinguishable on all pages? underline: Yes/No

only in case of No: Are the three 5 step series on Page x of 10 pages distinguishable?

Underline Yes/No and give in case of No the number of distinguishable steps?

- Page 1: Yes/No, if No ../12 step differences are distinguishable of O = Orange Red  
Page 2: Yes/No, if No ../12 step differences are distinguishable of Y = Yellow  
Page 3: Yes/No, if No ../12 step differences are distinguishable of L = Leaf green  
Page 4: Yes/No, if No ../12 step differences are distinguishable of C = Cyan blue  
Page 5: Yes/No, if No ../12 step differences are distinguishable of V = Violett blue  
Page 6: Yes/No, if No ../12 step differences are distinguishable of M = Magenta Red  
Page 7: Yes/No, if No ../12 step differences are distinguishable of R = Elementary Red  
Page 8: Yes/No, if No ../12 step differences are distinguishable of J = Elementary yellow  
Page 9: Yes/No, if No ../12 step differences are distinguishable of G = Elementary Green  
Page 10: Yes/No, if No ../12 step differences are distinguishable of B = Elementary blue

Sum: ../10 Yes-Pages and ../120 step differences are distinguishable

Part 1

OE730-3N-020-10

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

PDF-File: <http://130.149.60.45/farbmetrik/OE73/OE73LBNP.PDF> underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE73/OE73LBNA.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 OE73LBNP.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 OE73LBNA.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)

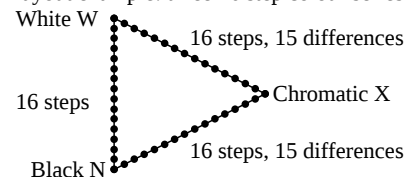
Part 3

OE730-7N-020-10

OE73: Form A for test chart 2 according to DIN 33872-2; DH  
Discrimination of colour scales (Yes/No decision)

### Discriminability of 16 step colour series (Yes/No decision)

Layout example: three 16 step colour series



There are three basic colours on each page:  
Black N, White W and Chromatic X.  
Ten pages include 10 hue planes  
X = OYLCVM and RJGB.  
There are at maximum 45 distinguishable steps.

All steps of the three series N-W, W-X and X-N should be distinguishable on **all** pages.

Are the three 16step series distinguishable on all pages? underline: Yes/No

only in case of No: Are the three 16 step series on Page x of 10 pages distinguishable?

Underline Yes/No and give in case of No the number of distinguishable steps?

- Page 1: Yes/No, if No ../45 step differences are distinguishable of O = Orange Red  
Page 2: Yes/No, if No ../45 step differences are distinguishable of Y = Yellow  
Page 3: Yes/No, if No ../45 step differences are distinguishable of L = Leaf green  
Page 4: Yes/No, if No ../45 step differences are distinguishable of C = Cyan blue  
Page 5: Yes/No, if No ../45 step differences are distinguishable of V = Violett blue  
Page 6: Yes/No, if No ../45 step differences are distinguishable of M = Magenta Red  
Page 7: Yes/No, if No ../45 step differences are distinguishable of R = Elementary Red  
Page 8: Yes/No, if No ../45 step differences are distinguishable of J = Elementary yellow  
Page 9: Yes/No, if No ../45 step differences are distinguishable of G = Elementary Green  
Page 10: Yes/No, if No ../45 step differences are distinguishable of B = Elementary blue

Sum: ../10 Yes-Pages and ../450 step differences are distinguishable

Part 2

OE731-3N-020-10

### 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/OE73/OE73F1P2.PDF>

underline Yes/No

PS file: <http://130.149.60.45/farbmetrik/OE73/OE73F1P2.PS>

underline Yes/No

Picture A7-020-2: 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/OE73/OE73F1P2.PDF>

underline Yes/No

picture A7-020-2

underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE73/OE73F1P2.PS>

or underline Yes/No

picture A7-020-2

### 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](http://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

OE731-7N-020-10

input: *cmy0* (->*cmy0\**<sub>d</sub>) *setcmyk*  
output 020-10: no change