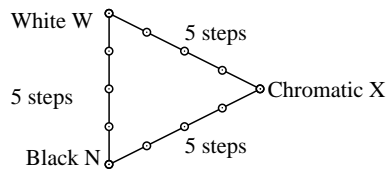


Equality of 5 step colour series by two definitions (Yes/No decision)

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
Any colour is defined by two different
PS-operators in center and surround field

All colours of the three series N-W, W-X and X-N should equal on all pages

Are the center and surround field colours equal on all pages? underline: Yes/No only if No:

How many of the 3x4=12 steps are equal?

- Page 1: equal are out of 12 steps: steps of O = Orange Red
- Page 2: equal are out of 12 steps: steps of Y = Yellow
- Page 3: equal are out of 12 steps: steps of L = Leaf Green
- Page 4: equal are out of 12 steps: steps of C = Cyan Blue
- Page 5: equal are out of 12 steps: steps of V = Violet Blue
- Page 6: equal are out of 12 steps: steps of M = Magenta Red
- Page 7: equal are out of 12 steps: steps of R = Elementary Red
- Page 8: equal are out of 12 steps: steps of J = Elementary Yellow
- Page 9: equal are out of 12 steps: steps of G = Elementary Green
- Page 10: equal are out of 12 steps: steps of B = Elementary Blue

Sum: Of the given 3x4x10=120 steps steps are equal

Part 1

De140-3

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

PDF-File: either www.ps.bam.de/De14/10L/L14e00NP.PDF underline Yes/No
or www.ps.bam.de/De14/10P/P14e00NP.PDF or underline Yes/No
PS-File: either www.ps.bam.de/De14/10L/L14e00NA.PS or underline Yes/No
or www.ps.bam.de/De14/10P/P14e00NA.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 (L/P)14e00NP.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 (L/P)14e00NA.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:.....

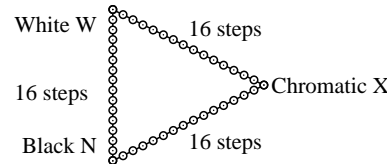
Special remarks, e. g. output of Landscape (L) file L14e00NA.PS was cutted,
Portrait (P) file P14e00NA.PS was used:.....

Part 3

De140-5

Equality of 16 step colour series by two definitions (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
Any colour is defined by two different
PS-operators in center and surround field

All colours of the three series N-W, W-X and X-N should equal on all pages

Are the center and surround field colours equal on all pages? underline: Yes/No only if No:

How many of the 3x15=45 steps are equal?

- Page 1: equal are out of 45 steps: steps of O = Orange Red
- Page 2: equal are out of 45 steps: steps of Y = Yellow
- Page 3: equal are out of 45 steps: steps of L = Leaf Green
- Page 4: equal are out of 45 steps: steps of C = Cyan Blue
- Page 5: equal are out of 45 steps: steps of V = Violet Blue
- Page 6: equal are out of 45 steps: steps of M = Magenta Red
- Page 7: equal are out of 45 steps: steps of R = Elementary Red
- Page 8: equal are out of 45 steps: steps of J = Elementary Yellow
- Page 9: equal are out of 45 steps: steps of G = Elementary Green
- Page 10: equal are out of 45 steps: steps of B = Elementary Blue

Sum: Of the given 3x15x10=450 steps steps are equal

Part 2

De141-3

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

Only for display (monitor, data projector) output:

Office workplace illumination is daylight (clouded/north sky) underline Yes/No
PDF-file output with www.ps.bam.de/De13/10L/L13e00NP.PDF underline Yes/No
Comparison of contrast range of 16 steps F to 0 with test chart no. 3 of DIN 33866-1:2000
give contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)

Remark: In daylighted offices the contrast range is in many cases:
on paper between: >F:0 (highly glossy), F:0 (silk glossy) and E:0 (matte)
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: either www.ps.bam.de/De11/10L/L11e00NP.PDF underline Yes/No
or www.ps.bam.de/De11/10P/P11e00NP.PDF or underline Yes/No
PS-File: either www.ps.bam.de/De11/10L/L11e00NA.PS or underline Yes/No
or www.ps.bam.de/De11/10P/P11e00NA.PS 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

De141-5

See for similar files: http://www.ps.bam.de/De14/; www.ps.bam.de/De.HTM
Technical information: http://www.ps.bam.de/33872E Version 2.1, io=1,1

BAM registration: 20080301-De14/10P/P14e11NP.PS /.PDF BAM material: code=rhadta
application for output of monitor, data projector, or printer systems