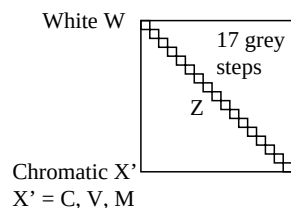


Equivalent spacing for separate and adjacent colours (Yes/No decision)

Layout example of the hue plane O-C, Y-V oder L-M mit 17 grey steps



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
ajacent in the lower figure part.
Between N and W there are 9 grey steps.
Mean grey Z is the mean step of N-W.

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

XE870-3

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

PDF-File: either www.ps.bam.de/XE87/10L/L87E00NP.PDF underline Yes/No
or www.ps.bam.de/XE87/10P/P87E00NP.PDF or underline Yes/No

PS-File: either www.ps.bam.de/XE87/10L/L87E00NA.PS or underline Yes/No
or www.ps.bam.de/XE87/10P/P87E00NA.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)87E00NP.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)87E00NA.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 L87E00NA.PS was cutted,
Portrait (P) file P87E00NA.PS was used:.....

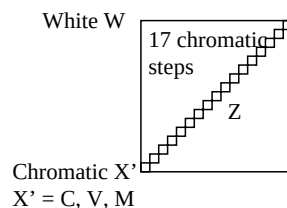
Part 3

XE870-5

BAM-test chart XE87; Relative colour reproduction, Page 2/2
Equivalent and regular chromatic spacing (Yes/No decision)

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

Layout example of the hue plane O-C, Y-V oder L-M mit 17 chromatic steps



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 part and ajacent
ajacent in the lower part.
Between X' and X there are 17 chromatic steps.
Mean grey Z is the mean step of X'-X.

All chromatic 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

XE871-3

Documentation of assessor colour vision properties for visual assessment

The assessor has **normal** colour vision according to one test:

- either according to DIN 6160 with Anomaloskop of Nagel underline Yes/No
- 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/XE75/10L/L75E00NP.PDF underline Yes/No
- Comparison of contrast range of 16 steps F to 0 with test chart no. 3 of DIN 33866-1
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/XE27/10L/L27E00NP.PDF underline Yes/No
or www.ps.bam.de/XE27/10P/P27E00NP.PDF or underline Yes/No

PS-File: either www.ps.bam.de/XE27/10L/L27E00NA.PS or underline Yes/No
or www.ps.bam.de/XE27/10P/P27E00NA.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/XE30/10L/L30E00NP.PS and transfer
of the PS-file L30E00NP.PS in PDF-file L30E00NP.PDF underline Yes/No

If No, please describe other method:

Part 4

XE871-5

input: cmy0(->cmy0*)setcmykcolor
output: no change compared to input