See for similar files: http://www.ps.bam.de/XE86/; www.ps.bam.de/XE.HTM
Technical information: http://www.ps.bam.de
Version 2.1, io=1,1

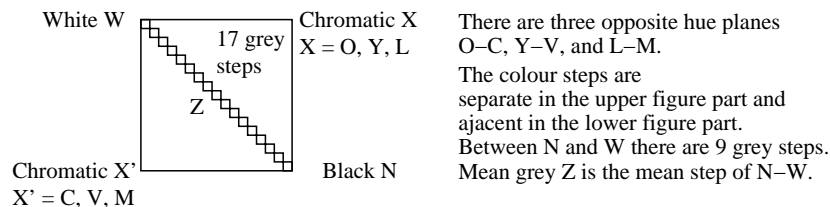application for output of monitor, data projector, or printer systems

Part 1

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

White W   Chromatic X
               X = O, Y, L
17 grey steps
Z
Chromatic X'   Black N
X' = C, V, M

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   XE860–3

Part 2

Regular colour 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 colour steps

White W   Chromatic X
               X = O, Y, L
17 colour steps
Z
Chromatic X'   Black N
X' = C, V, M

There are three opposite hue planes
O–C, Y–V, and L–M.
The colour steps are separate in the
upper part and ajacent
in the lower part.
Between X' and X there are 17 colour 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 chromatic 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   XE861–3

Part 3

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

PDF-File: either www.ps.bam.de/XE86/10L/L86E00NP.PDF   **underline Yes/No**
or www.ps.bam.de/XE86/10P/P86E00NP.PDF   **or underline Yes/No**
PS-File: either www.ps.bam.de/XE86/10L/L86E00NA.PS   **or underline Yes/No**
or www.ps.bam.de/XE86/10P/P86E00NA.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)86E00NP.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)86E00NA.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:................................
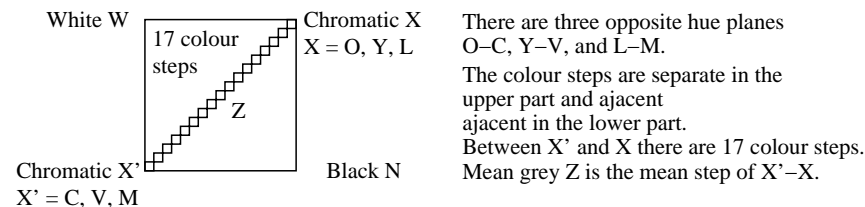
Special remarks, e. g. output of Landscape (L) file L86E00NA.PS was cutted,
Portrait (P) file P86E00NA.PS was used:............................
....
....

Part 3   XE860–5

Part 4

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 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/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/XE26/10L/L26E00NP.PDF   underline Yes/No
or www.ps.bam.de/XE26/10P/P26E00NP.PDF   or underline Yes/No
PS-File: either www.ps.bam.de/XE26/10L/L26E00NA.PS   or underline Yes/No
or www.ps.bam.de/XE26/10P/P26E00NA.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   XE861–5

BAM-test chart XE86; Relative colour reproduction, Page 2/2
Equivalent and regular colour spacing (Yes/No decision)
input: *rgb (->olv*) setrgbcolor*
output: no change compared to input