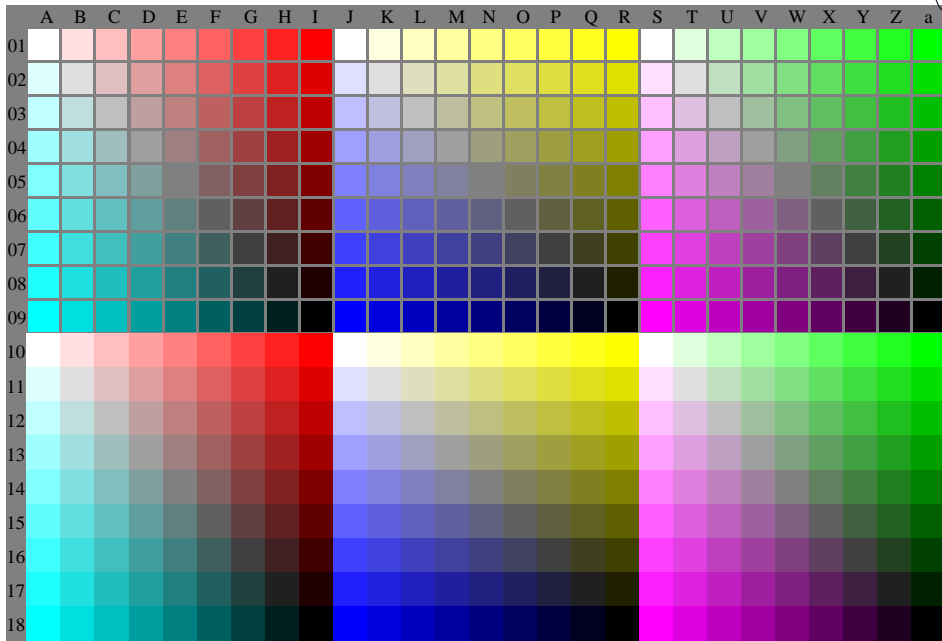


www.ps.bam.de/XE81/L81E00N1.PS/.TXT; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

See for similar files: <http://www.ps.bam.de/XE81/>; [www.ps.bam.de/XE.HTM](http://www.ps.bam.de/XE.HTM)  
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1



XE810-7N, Test chart with 27x18=486 separate and adjacent colours; digital 9 step scales; compare ISO/IEC 15775; rgb colour data, patch sizes: 8mm x 8mm and 9mm x 9mm, Page 1/2

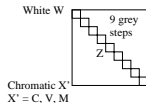
BAM-test chart XE81; Relative colour reproduction, Page 1/2,  
Equivalent; regular colour spacing of O-C, Y-V, and L-M

input: *rgb* (->*oly\**) *setrgbcolor*  
output: no change compared to input

BAM registration: 20070301-XE81/L81E00N1.PS/.TXT  
application for output of monitor, data projector, or printer systems  
BAM material: code=rha4ta

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

Layout example of the hue plane O-C, Y-V oder L-M mit 9 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  
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

All the steps 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 X 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

XE810-3

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

**PDF-File:** either www.ps.bam.de/XE81/10L/L81E00NP.PDF  
or www.ps.bam.de/XE81/10P/P81E00NP.PDF

underline Yes/No  
or underline Yes/No

**PS-File:** either www.ps.bam.de/XE81/10L/L81E00NA.PS  
or www.ps.bam.de/XE81/10P/P81E00NA.PS

underline Yes/No  
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)P81E00NP.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)P81E00NA.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:.....

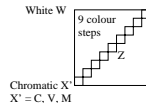
Special remarks, e. g. output of Landscape (L) file L81E00NA.PS was cutted,  
Portrait (P) file P81E00NA.PS was used:.....

Part 3

XE810-5

### 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 9 colour steps



Chromatic X  
X = O, Y, L

Black N

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  
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.

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 Y 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

XE811-3

### 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  
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

#### 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: (C:F0) (F: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 L30E00NA.PS in PDF-file L30E00NP.PDF underline Yes/No  
If No, please describe other method: .....

Part 4

XE811-5