

See original or copy: <http://web.me.com/klaus.richter/IE46/IE46L0NP.PDF> / .PS
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20090901-IE46/IE46L0NP.PDF /.PSS
- application for output of visual display systems

TUB material: code=rha4ta

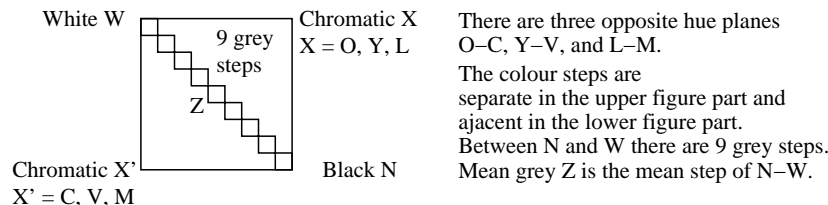
[illegible]

TUB-test chart IE46 for visual displays, Page 1/2
Equivalent and regular colour spacing of $O-C$, $Y-V$, $L-M$

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

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

Layout example: hue plane O-C, Y-V oder L-M mit 9 grey steps



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.

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

IE460-3

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

PDF-File: either xxx/IE46/IE46L0NP.PDF underline: Yes/No
or xxx/IE46/IE46P0NP.PDF or underline: Yes/No
PS-File: either xxx/IE46/IE46L0NA.PS or underline: Yes/No
or xxx/IE46/IE46P0NA.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)16e00NP.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 IE46(L/P)0NA.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 IE46L0NA.PS was cutted,
Portrait (P) file IE46P0NA.PS was used:.....

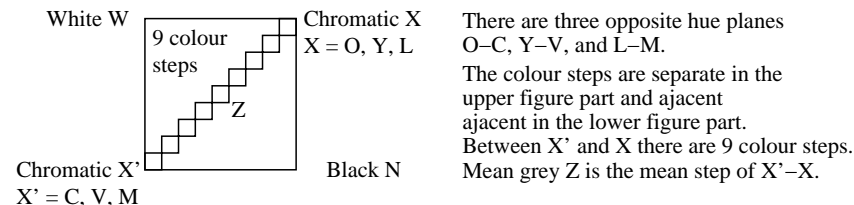
Part 3

IE460-5

Form A for TUB-test chart IE46, Page 2/2
Equivalent and regular colour spacing (Yes/No decision)

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

Layout example: hue plane O-C, Y-V oder L-M mit 9 colour steps



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 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 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

IE461-3

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