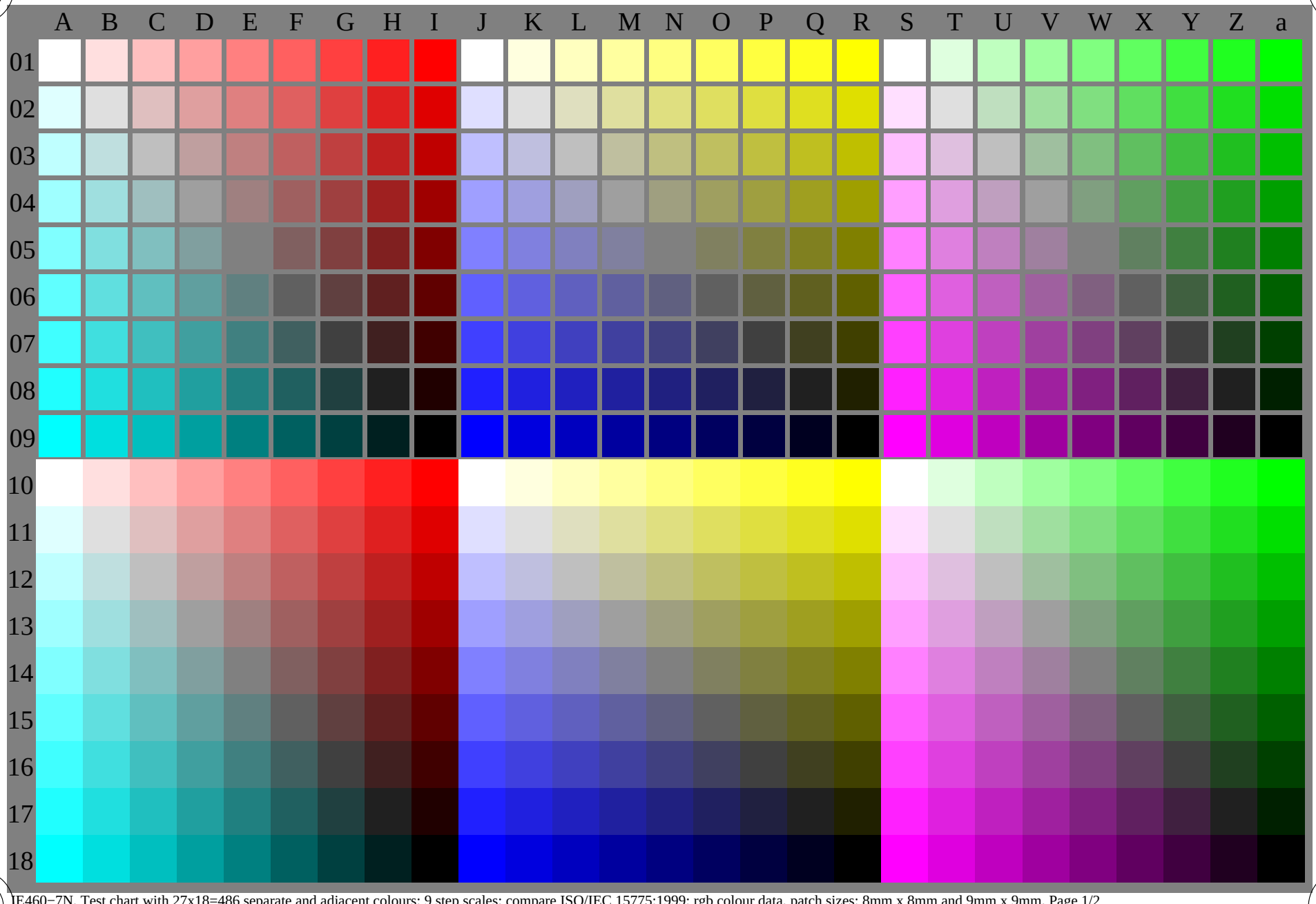


See original or copy: http://web.me.com/klaus.richter/IE46/IE46L0NA.PS /.TXT
Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20090901-IE46/IE46L0NA.PS /.TXT
application for output of visual display systems

TUB material: code=rha4ta

IE460−7N, Test chart with 27x18=486 separate and adjacent colours; 9 step scales; compare ISO/IEC 15775:1999; rgb colour data, patch sizes: 8mm x 8mm and 9mm x 9mm, Page 1/2

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

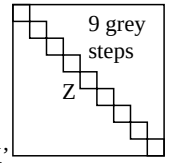
input: rgb (−>olv) setrgbcolor*
output: no change compared to input

See original or copy: http://web.me.com/klaus.richter/IE46/IE46L0NA.PS /.TXT
Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20090901-IE46/IE46L0NA.PS /.TXT
application for output of visual display systems
TUB material: code=rha4ta

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 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

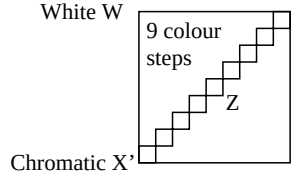
Are there maxima and minima in the colour change for adjacent colours and not for separate colours? underline: Yes/No

Remarks:.....

Part 1 IE460−3

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 ajacent ajacent 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

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