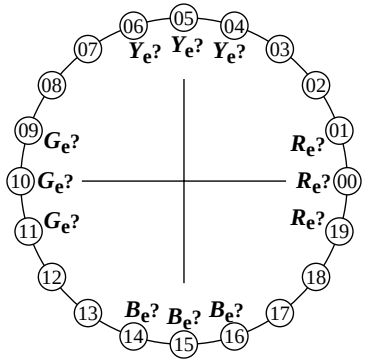
Agreement with elementary hues (Yes/No decision)

Layout example: Agreement with elementary hues.



There are four elementary hues on each page:
Red R_e, Yellow Y_e, Green G_e, and Blue B_e

Input data 1 0 0 may produce: Red R_e.
Input data 0 1 0 may produce: Green G_e.
Input data 0 0 1 may produce: Blue B_e.
Input data 1 1 0 may produce: Yellow Y_e.

The elementary hues Red R_e and Green G_e should locate on the horizontal axis.

The elementary hues Yellow Y_e and Blue B_e should locate on the vertical axis.

This test uses a hue circle with 20 hues.

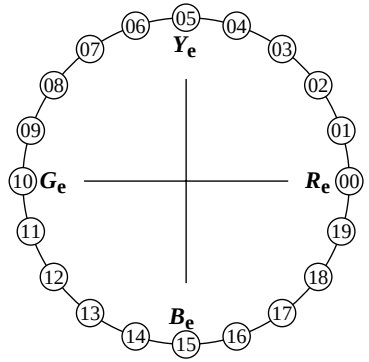
No. 00 and 10 should be Red R_e and Green G_e.
No. 05 and 15 should be Yellow Y_e and Blue B_e.

Are no. 00, 05, 10, and 15 the four elementary hues R_e, Y_e, G_e and B_e? underline: **Yes/No**
Only in case of "No":
Elementary Red R_e is hue step no. (e. g. 00, 01, 19) ..... (neither yellowish nor blueish)
Elementary Yellow Y_e is hue step no. (e. g. 05, 04, 06) ..... (neither reddish nor greenish)
Elementary Green G_e is hue step no. (e. g. 10, 09, 11) ..... (neither yellowish nor blueish)
Elementary Blau B_e is hue step no. (e. g. 15, 14, 16) ..... (neither reddish nor greenish)
Result: Of the 4 elementary hues (e.g. three) ..... are at the intended location.

part 1, AE390-3dd: 01031

Discriminability of colours with 20 hues (Yes/No decision)

Layout example: Discriminability of colours with 20 hues.



There are four elementary hues on each page:
Red R_e, Yellow Y_e, Green G_e, and Blue B_e.

Input data 1 0 0 may produce: Red R_e.
Input data 0 1 0 may produce: Green G_e.
Input data 0 0 1 may produce: Blue B_e.
Input data 1 1 0 may produce: Yellow Y_e.

Four hue steps are between:
Red R_e and Yellow Y_e, , Yellow Y_e, and Green G_e.
Green G_e and Blue B_e, Blue B_e, and Red R_e.

This test uses a hue circle with 20 hues.
All 20 hues should be distinguishable.

For this test it is **not** necessary:
1. All 20 differences are visually equal.
2. Elementary hues locate at 00, 05, 10, and 15.

Are all 20 colours of the 20 hues distinguishable? underline: **Yes/No**
Only in case of "No":
The colours of the two hue steps no. (e. g. 00 and 01) .....are not distinguishable.
The colours of the two hue steps no. (e. g. 14 and 15) .....are not distinguishable.
The colours of the two hue steps no. (e. g. 15 and 16) .....are not distinguishable.
List other pairs: .....
Result: Of the 20 hue differences are (e.g. 18) ..... differences visible.

part 2, AE391-3dd: 01031

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

PDF file:
http://farbe.li.tu-berlin.de/AE39/AE39F0PX_CY5_1.PDF **underline: Yes/No**
PS file:
http://farbe.li.tu-berlin.de/AE39/AE39F0PX_CY5_1.PS **underline: Yes/No**
Used computer operating system:
either one of Windows/Mac/Unix/other and version:.....
This evaluation is for the output: **underline: monitor/data projector/printer**
Device model, driver and version:.....
output with PDF/PS-file: **underline: PDF/PS file**
For output with PDF file AE39F0PX_CY5_1.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 output with PS file AE39F0PX_CY5_1.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)
.....
.....
.....

part 3, AE390-7dd: 01031

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 6160:1996 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**

For visual evaluation of the display (Monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky) **underline: Yes/No**
PDF file: http://farbe.li.tu-berlin.de/AE39/AE39F0PX_CY5_3.PDF **underline: Yes/No**
PS file: http://farbe.li.tu-berlin.de/AE39/AE39F0PX_CY5_3.PS **underline: Yes/No**
picture A7$_{dd}$ contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)
compare standard print output according to ISO/IEC 15775 with range F:0 **underline: Yes/No**
Remark: In daylighted offices the contrast range is in many cases:
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: http://farbe.li.tu-berlin.de/AE39/AE39F0PX_CY5_3.PDF
picture A7$_{dd}$ **underline: Yes/No**
PS file: http://farbe.li.tu-berlin.de/AE39/AE39F0PX_CY5_3.PS
picture A7$_{dd}$ **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 for 17 step colours of http://farbe.li.tu-berlin.de/OE70/OE70L1NP.PDF
Exchange of CIELAB data in file http://farbe.li.tu-berlin.de/AE82/AE82L0NP.TXT and transfer
of the PS file AE82L0NP.PS (=.TXT) to the PDF-file AE82L0NP.PDF **underline: Yes/No**
If No, please describe other method: .....

part 4, AE391-7dd: 01031