



Agreement with elementary colours

Remarks: This test uses many colour scales of 9 steps

Red R_e and Green G_e are defined by the visual criteria: *neither yellowish nor blueish.*

Yellow Y_e and Blue B_e are defined by the visual criteria: *neither reddish nor greenish.*

Hue plane Red - Cyan blue (rows 01 to 09, column b to j)

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Is the colour at the position (j,01) the elementary colour Red R_e ?

Yes/No

Only in case of "No": The colour at this position appears:

yellowish/blueish

Hue plane Yellow - Blue B_e (rows 10 to 18, column b to j)

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Is the colour at the position (j,10) the elementary colour Yellow Y_e ?

Yes/No

Only in case of "No": The colour at this position appears:

reddish/greenish

Is the colour at the position (b,18) the elementary colour Blue B_e ?

Yes/No

Only in case of "No": The colour at this position appears:

reddish/greenish

Hue plane Green - Magenta red (rows 19 to 27, column b to j)

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Is the colour at the position (j,19) the elementary colour Green G_e ?

Yes/No

Only in case of "No": The colour at this position appears:

yellowish/blueish

Result: Of the 4 elementary colours (e. g. 3) are acceptable as elementary colours.

Discriminability of 9 and 16 grey steps

Discriminability of 9 steps (rows 01 to 09, column k to n)

Are the 9 steps distinguishable?

Yes/No

If No: How many can be distinguished? of 9 greys are distinguishable.

Discriminability of 16 steps (rows 10 to 27, column k to n)

Are the 16 steps distinguishable?

Yes/No

If No: How many can be distinguished? of 16 greys are distinguishable.

Artifacts, please describe if visible:

Remarks about the creation and content of the PDF files:

Sometimes "colour smoothing" is a default setting.

In this case the 9 steps are often not visible and may be counted as one step.

Sometimes "optimizing the PDF output for the web" is a default setting.

For example this setting may reduce the 1080 colours on a page to 256 colours.