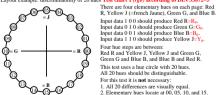
Discriminability of colours with 20 hues (Yes/No decision) Example PostScript Printer Layout example: discriminability of 20 hues Test chart 1 (rgb) according to DIN 33872-5



Are all 20 colours of the 20 hues distinguishable? Only in case of "No":

Technical

information:

or copy: http://web.me.com/klaus.richter/VE65/VE65L0N1.TXT/.PS nformation: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

original

The colours of the two hue steps no. (e. g. 00 and 01)00, 01 are not distinguishable The colours of the two hue steps no. (e. g. 14 and 15) 10, 11. are not distinguishable The colours of the two hue steps no. (e. g. 15 and 16) 15, 16. are not distinguishable List other pairs:

underline: Yes/No

VE650-7. De151-3 Test charts 1 (rgb), Agreement elementary colours and discriinput: rgb->rgbd/rgbe setrgbcolor minability of 20 hues (DIN 33872-5); discriminability of 16 step colour scales (DIN 33872-2)

Discriminability of 16 step colour series (Yes/No decision)

Layout example: three 16 step colour series Example PostScript printer There are three basic colours on each page: White W 16 steps, 15 differences Black N. White W and Chromatic X. Ten pages include 10 bue planes

Chromatic X X=OYLCVM=(RYGCBM)4 and RJGB=(RYGB). There are at maximum 45 distinguashable steps PDF test chart 1 $(reh \rightarrow reh^*a)$ or $\rightarrow reh^*a)$

16 steps, 15 differences according to DIN 33872-2, file -> PS printer All steps of the three series N-W, W-X and X-N should be distinguishable on all pages.

Are the three 16sten series distinguishable on all pages? in case of No: Are the three 16 step series on Page x of 10 pages distinguishable? Underline Yes/No and give in case of No the number of distinguishable stens?

Page 1: Yes/No. if No. 40/45 step differences are distinguishable of O = Orange Red Page 2: Yes/No, if No 40/45 step differences are distinguashable of Y = Yellow Page 3: Yes/No. if No 38/45 step differences are distinguashable of L = Leaf green Page 4: Yes/No. if No 40/45 step differences are distinguashable of C = Cvan blue Page 5: Yes/No. if No 36/45 step differences are distinguashable of V = Violett blue Page 6: Yes/No. if No 40/45 step differences are distinguashable of M = Magenta Red

Page 7: Yes/No. if No 40/45 step differences are distinguashable of R = Elementary Red Page 8: Yes/No. if No 40/45 step differences are distinguashable of J = Elementary vellow Page 9: Yes/No, if No 39/45 step differences are distinguashable of G = Elemantary Green Page 10: Yes/No. if No 39/45 step differences are distinguashable of B = Elementary blue

Sum: 0/10 Yes-Pages and 392/450 step differences are distingishable.

VE651-3, De121-3

Discriminability of 16 step colour series (Yes/No decision)

Layout example: three 16 step colour series RECS colour atlas, R8-09 linearized offset print There are three basic colours on each page: 16 steps, 15 differences Black N. White W and Chromatic X. Ten pages include 10 hue planes Chromatic X X=OYLCVM=(RYGCBM)_d and RJGB=(RYGB)_d 16 stens There are at maximum 45 distinguashable steps.

PDF test chart 1 $(reb \rightarrow reb^*d \text{ or } \rightarrow reb^*e)$ 16 steps, 15 differences according to DIN 33872-2, file -> offset print All steps of the three series N-W, W-X and X-N should be distinguishable on all pages.

Are the three 16step series distinguishable on all pages? in case of No; Are the three 16 step series on Page x of 10 pages distinguishable? inapplicable Underline Yes/No and give in case of No the number of distinguishable steps?

Page 1: Yes/No, if No ./45 step differences are distinguashable of O = Orange Red Page 2: Yes/No, if No ../45 step differences are distinguashable of Y = Yellow Page 3: Yes/No, if No ../45 step differences are distinguashable of L = Leaf green

Page 4: Yes/No. if No ../45 step differences are distinguashable of C = Cvan blue Page 5: Yes/No, if No ./45 step differences are distinguashable of V = Violett blue Page 6: Yes/No, if No ../45 step differences are distinguashable of M = Magenta Red Page 7: Yes/No, if No ../45 step differences are distinguashable of R = Elementary Red

Page 8: Yes/No, if No ./45 step differences are distinguashable of J = Elementary yellow Page 9: Yes/No, if No ./45 step differences are distinguashable of G = Elemantary Green Page 10: Yes/No, if No ../45 step differences are distinguashable of B = Elementary blue Sum: ../10 Yes-Pages and .../450 step differences are distingishable

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TUB registration: 20110301-VE65/VE65L0N1.TXT application for output of monitor, data projector, or or printer systems

material: code=rha4ta