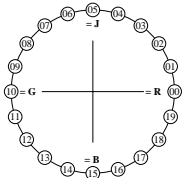


Discriminability of colours with 20 hues (Yes/No decision) HP Laserjet CP1514n

Layout example: discriminability of 20 hues **Test chart 1 according to DIN 33872-5**



There are four elementary hues on each page: Red R, Yellow J (=french Jaune), Green G, and Blue B.

Input data 1 0 0 should produce Red R.
Input data 0 1 0 should produce Green G.
Input data 0 0 1 should produce Blue B.
Input data 1 1 0 should produce Yellow J.

Four hue steps are between:
Red R and Yellow J, Yellow J and Green G,
Green G and Blue B, and Blue B and Red R.

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) ...**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

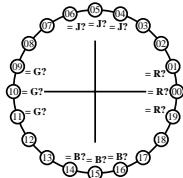
List other pairs:

Result: Of the 20 hue differences are (e.g. 18) ...**17**... differences visible

fem30-3n

Agreement with elementary hues (Yes/No decision) HP Laserjet CP1514n

Layout example: agreement with elementary hues **Test chart 2 according to DIN 33872-5**



There are four elementary hues on each page: Red R, Yellow J (=french Jaune), Green G, and Blue B.

Input data 1 0 0 should produce Red R.
Input data 0 1 0 should produce Green G.
Input data 0 0 1 should produce Blue B.
Input data 1 1 0 should produce Yellow J.

The elementary hues Red R and Green G should locate on the horizontal axis.

The elementary hues Yellow J and Blue B should locate on the vertical axis.

This test uses a hue circle with 20 hues.

No. 00 and 10 should be Red R and Green G.
No. 05 and 15 should be Yellow J and Blue B.

Are no. 00, 05, 10, and 15 the four elementary hues R, J, G and B? underline: **Yes/No**

Only in case of "No":

Elementary Red R is hue step no. (e. g. 00, 01, 19) ...**00**... (neither yellowish nor blueish)

Elementary Yellow J is hue step no. (e. g. 05, 04, 06) ...**05**... (neither reddish nor greenish)

Elementary Green G is hue step no. (e. g. 10, 09, 11) ...**10**... (neither yellowish nor blueish)

Elementary Blue B is hue step no. (e. g. 15, 14, 16) ...**15**... (neither reddish nor greenish)

Result: Of the 4 elementary hues (e.g. three) ...**3**... are at the intended location

fem31-3n