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? Only in case of "No":

The colours of the two hue steps no. (e. g. 15 and 16)15. 16. List other pairs:

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

underline: Yes/No

are not distinguishable are not distinguishable are not distinguishable

Part 2