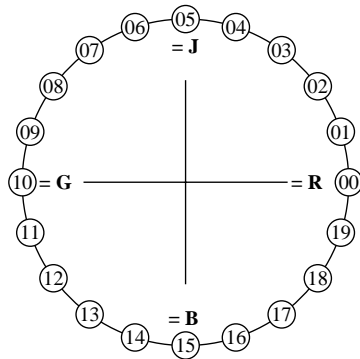


**Discriminability of colours with 20 hues (Yes/No decision) HP Laserjet CP1514n**

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":**

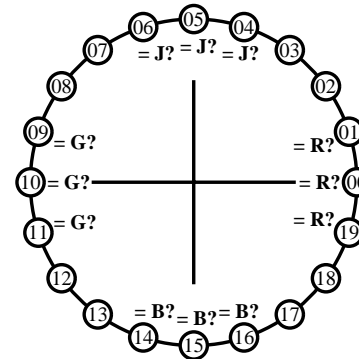
The colours of the two hue steps no. (e. g. 00 and 01) ....**00, 01** are not distinguishable  
 The colours of the two hue steps no. (e. g. 14 and 15) ....**10, 11** are not distinguishable  
 The colours of the two hue steps no. (e. g. 15 and 16) ....**15, 16** are not distinguishable  
 List other 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) ..**14**.. (neither reddish nor greenish)  
 Result: Of the 4 elementary hues (e.g. three) ...**3**..... are at the intended location

fem31-3n