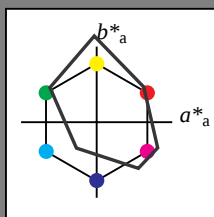


Input: Colorimetric Printer Reflective System FRS06

with *rgb* data of the  
four elementary hues

1 0 0 = Red R  
1 1 0 = Yellow J  
0 1 0 = Green G  
0 0 1 = Blue B



FRS06; adapted (a) CIELAB data

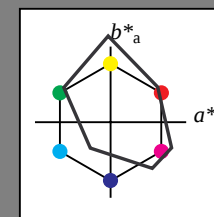
|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 32.57       | 62.32   | 46.49   | 77.75        | 37           |
| Y <sub>Ma</sub>  | 82.73       | -3.16   | 113.99  | 114.03       | 92           |
| L <sub>Ma</sub>  | 39.43       | -61.79  | 45.84   | 76.95        | 143          |
| C <sub>Ma</sub>  | 47.86       | -26.79  | -34.24  | 43.49        | 232          |
| V <sub>Ma</sub>  | 10.16       | 55.12   | -61.03  | 82.24        | 312          |
| M <sub>Ma</sub>  | 34.5        | 80.68   | -33.92  | 87.52        | 337          |
| N <sub>Ma</sub>  | 6.25        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 91.97       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92       | 59.8    | 31.05   | 67.38        | 27           |
| J <sub>CIE</sub> | 81.26       | -2.52   | 76.25   | 76.29        | 92           |
| G <sub>CIE</sub> | 52.23       | -41.56  | 17.14   | 44.96        | 158          |
| B <sub>CIE</sub> | 30.57       | 2.63    | -43.77  | 43.86        | 273          |

Output: Colorimetric Printer Reflective System FRS06

with hue number

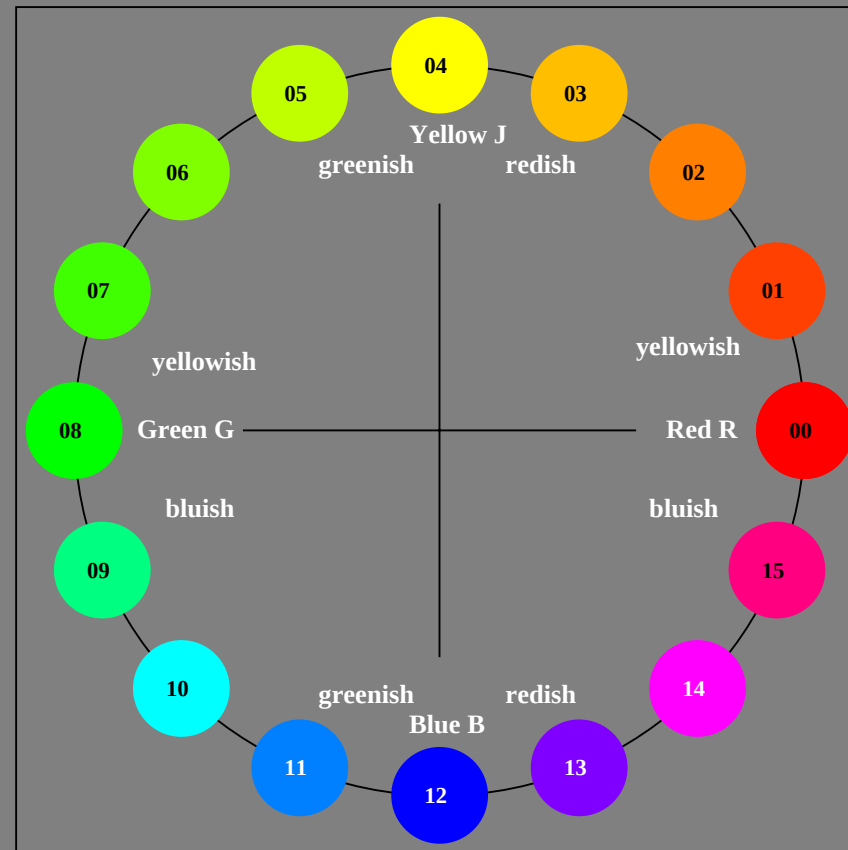
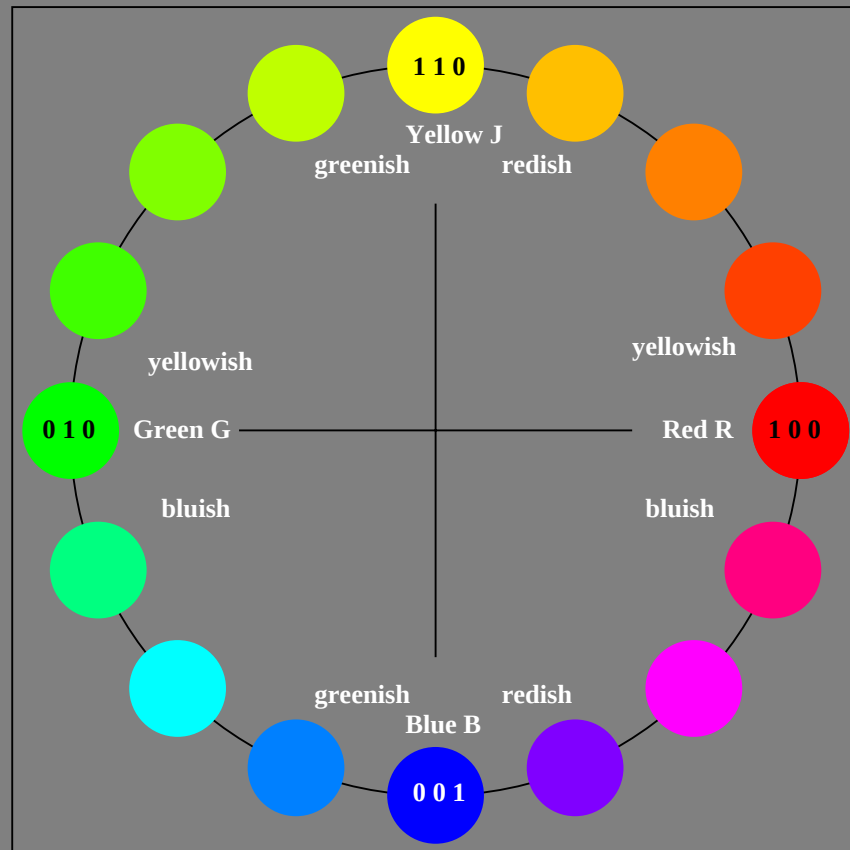
$n = 00$  to 15

00 = Red R  
04 = Yellow J  
08 = Green G  
12 = Blue B



FRS06; adapted (a) CIELAB data

|                  | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 32.57       | 62.32   | 46.49   | 77.75        | 37           |
| Y <sub>Ma</sub>  | 82.73       | -3.16   | 113.99  | 114.03       | 92           |
| L <sub>Ma</sub>  | 39.43       | -61.79  | 45.84   | 76.95        | 143          |
| C <sub>Ma</sub>  | 47.86       | -26.79  | -34.24  | 43.49        | 232          |
| V <sub>Ma</sub>  | 10.16       | 55.12   | -61.03  | 82.24        | 312          |
| M <sub>Ma</sub>  | 34.5        | 80.68   | -33.92  | 87.52        | 337          |
| N <sub>Ma</sub>  | 6.25        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 91.97       | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>CIE</sub> | 39.92       | 59.8    | 31.05   | 67.38        | 27           |
| J <sub>CIE</sub> | 81.26       | -2.52   | 76.25   | 76.29        | 92           |
| G <sub>CIE</sub> | 52.23       | -41.56  | 17.14   | 44.96        | 158          |
| B <sub>CIE</sub> | 30.57       | 2.63    | -43.77  | 43.86        | 273          |



XE840-7, 16 step hue circle with elementary colours R, J, G, B (left)

16 step hue circle with elementary colours R, J, G, B (right)

BAM-test chart XE84; Colorimetric systems FRS06 & FRS06  
D65: Elementary colour circle with 16 hues

input: *rgb\* setrgbcolor*  
output: no change compared to input