

# Input and Output: Printer Reflective System FRS06a

Data for any device (d) or  
elementary (e) colour:

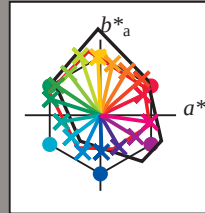
$HIC_e^*$

hue text for the colours  
of this page:

$H_e^* = R00Y_e, R25Y_e, \dots, B75R_e$

## LRS18a; adapted (a) CIELAB data

| $H_e^*$        | $L^*=L_a^* a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|----------------|-------------------|---------|--------------|--------------|
| R00Y_100_100_e | 47.5              | 56.0    | 26.7         | 62.1         |
| R25Y_100_100_e | 51.4              | 54.8    | 47.7         | 72.6         |
| R50Y_100_100_e | 61.8              | 35.2    | 58.4         | 68.2         |
| R75Y_100_100_e | 72.3              | 16.1    | 68.2         | 70.1         |
| Y00G_100_100_e | 83.6              | -3.1    | 76.8         | 76.9         |
| Y25G_100_100_e | 85.8              | -26.4   | 78.5         | 82.9         |
| Y50G_100_100_e | 71.0              | -41.7   | 54.8         | 68.9         |
| Y75G_100_100_e | 59.9              | -58.2   | 39.3         | 70.2         |
| G00B_100_100_e | 53.8              | -65.9   | 21.1         | 69.2         |
| G25B_100_100_e | 55.0              | -51.6   | -8.7         | 52.3         |
| G50B_100_100_e | 54.9              | -38.7   | -29.1        | 48.4         |
| G75B_100_100_e | 51.7              | -23.3   | -48.6        | 53.9         |
| B00R_100_100_e | 37.3              | 1.4     | -48.6        | 48.7         |
| B25R_100_100_e | 31.5              | 24.4    | -41.9        | 48.5         |
| B50R_100_100_e | 38.5              | 46.7    | -28.5        | 54.7         |
| B75R_100_100_e | 49.4              | 65.5    | -9.1         | 66.2         |



% Gamut

$u_{rel}^* = 114$

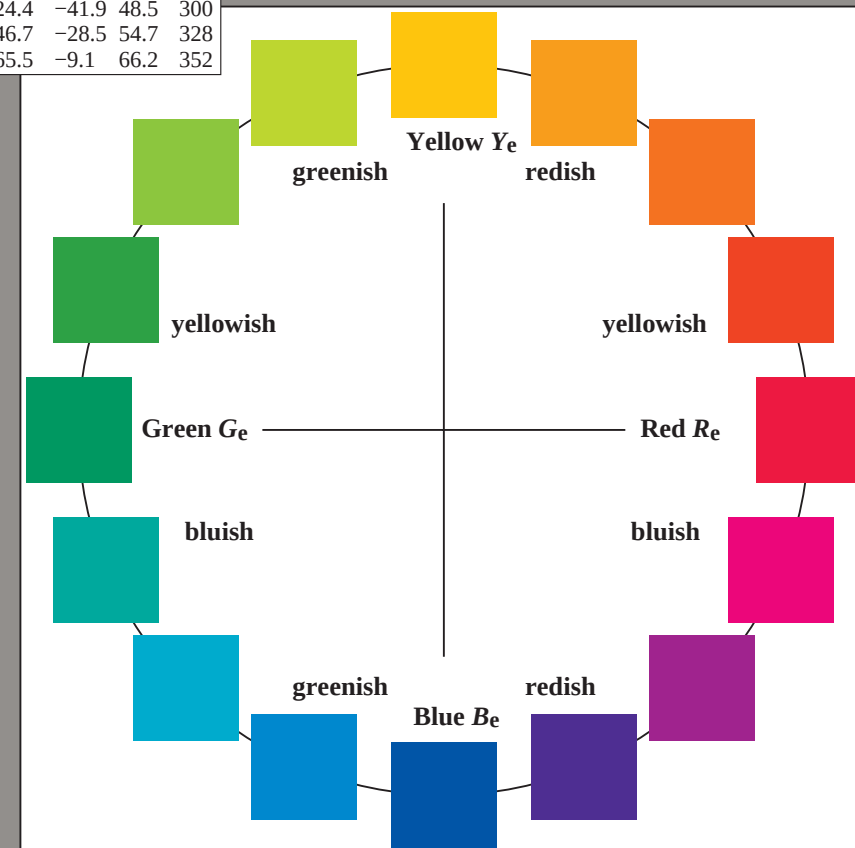
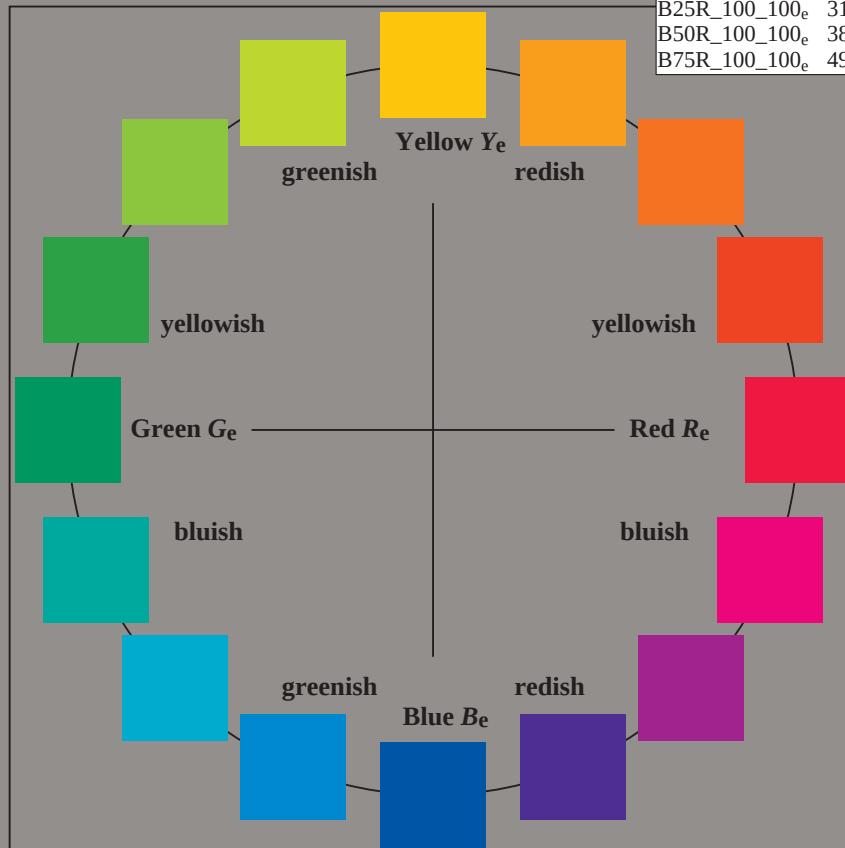
% Regularity

$g_{H,rel}^* = 28$

$g_{C,rel}^* = 38$

## LRS18a; adapted (a) CIELAB data

| name         | $L^*=L_a^* a_a^*$ | $b_a^*$ | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
|--------------|-------------------|---------|--------------|--------------|
| $R_{e, Ma}$  | 47.5              | 56.0    | 26.7         | 62.1         |
| $Y_{e, Ma}$  | 83.6              | -3.1    | 76.8         | 76.9         |
| $G_{e, Ma}$  | 53.8              | -65.9   | 21.1         | 69.2         |
| $C_{e, Ma}$  | 54.9              | -38.7   | -29.1        | 48.4         |
| $B_{e, Ma}$  | 37.3              | 1.4     | -48.6        | 48.7         |
| $M_{e, Ma}$  | 38.5              | 46.7    | -28.5        | 54.7         |
| $N_{e, Ma}$  | 23.8              | 0.0     | 0.0          | 0            |
| $W_{e, Ma}$  | 95.8              | 0.0     | 0.0          | 0            |
| $R_{e, CIE}$ | 39.9              | 58.7    | 27.9         | 65.0         |
| $Y_{e, CIE}$ | 81.2              | -2.8    | 71.5         | 71.6         |
| $G_{e, CIE}$ | 52.2              | -42.4   | 13.6         | 44.5         |
| $B_{e, CIE}$ | 30.5              | 1.4     | -46.4        | 46.4         |



1-113130-L0 PE890-73

TUB-test chart PE89; 16 step hue circle

Test chart according to DIN 33872, 3D=1, de=1, cmyk\*

input:  $rgb/cmyk \rightarrow rgb_{de}$

output: 3D-linearization to  $cmyk_{de}^*$