

## Input and output: Laser Reflective System LRS18a

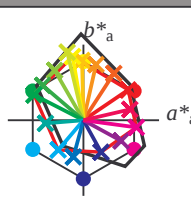
Data for any device (d)  
or elementary (e) colour: $HIC^*_d$ Hue text for the 16 hues  
of this page: $H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$ 

## LRS18a; adapted (a) CIELAB data

| $H^*_d$        | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|----------------|-------------|---------|---------|--------------|--------------|
| R00Y_100_100_d | 47.0        | 59.1    | 40.1    | 71.5         | 34           |
| R25Y_100_100_d | 59.7        | 40.2    | 61.8    | 73.8         | 56           |
| R50Y_100_100_d | 72.1        | 16.6    | 73.6    | 75.5         | 77           |
| R75Y_100_100_d | 83.1        | -1.7    | 79.1    | 79.1         | 91           |
| Y00G_100_100_d | 91.1        | -14.2   | 84.3    | 85.4         | 99           |
| Y25G_100_100_d | 89.9        | -21.3   | 89.9    | 92.4         | 103          |
| Y50G_100_100_d | 74.3        | -37.9   | 65.9    | 76.1         | 119          |
| Y75G_100_100_d | 61.9        | -53.8   | 46.0    | 70.8         | 139          |
| G00B_100_100_d | 55.1        | -65.2   | 33.4    | 73.3         | 152          |
| G25B_100_100_d | 56.9        | -50.1   | -4.0    | 50.3         | 184          |
| G50B_100_100_d | 53.2        | -33.3   | -39.2   | 51.4         | 229          |
| G75B_100_100_d | 46.2        | -13.2   | -48.4   | 50.2         | 254          |
| B00R_100_100_d | 32.1        | 23.3    | -42.1   | 48.1         | 299          |
| B25R_100_100_d | 35.8        | 49.8    | -27.2   | 56.7         | 331          |
| B50R_100_100_d | 47.6        | 69.9    | -9.4    | 70.6         | 352          |
| B75R_100_100_d | 46.0        | 61.4    | 14.2    | 63.1         | 13           |

## LRS18a; adapted (a) CIELAB data

| Name                | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|---------------------|-------------|---------|---------|--------------|--------------|
| R <sub>d</sub> ,Ma  | 47.0        | 59.1    | 40.1    | 71.5         | 34           |
| Y <sub>d</sub> ,Ma  | 91.1        | -14.2   | 84.3    | 85.4         | 99           |
| G <sub>d</sub> ,Ma  | 55.1        | -65.2   | 33.4    | 73.3         | 152          |
| C <sub>d</sub> ,Ma  | 53.2        | -33.3   | -39.2   | 51.4         | 229          |
| B <sub>d</sub> ,Ma  | 32.1        | 23.3    | -42.1   | 48.1         | 299          |
| M <sub>d</sub> ,Ma  | 47.6        | 69.9    | -9.4    | 70.6         | 352          |
| N <sub>d</sub> ,Ma  | 24.5        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>d</sub> ,Ma  | 96.3        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>d</sub> ,CIE | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>d</sub> ,CIE | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>d</sub> ,CIE | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>d</sub> ,CIE | 30.5        | 1.4     | -46.4   | 46.4         | 271          |



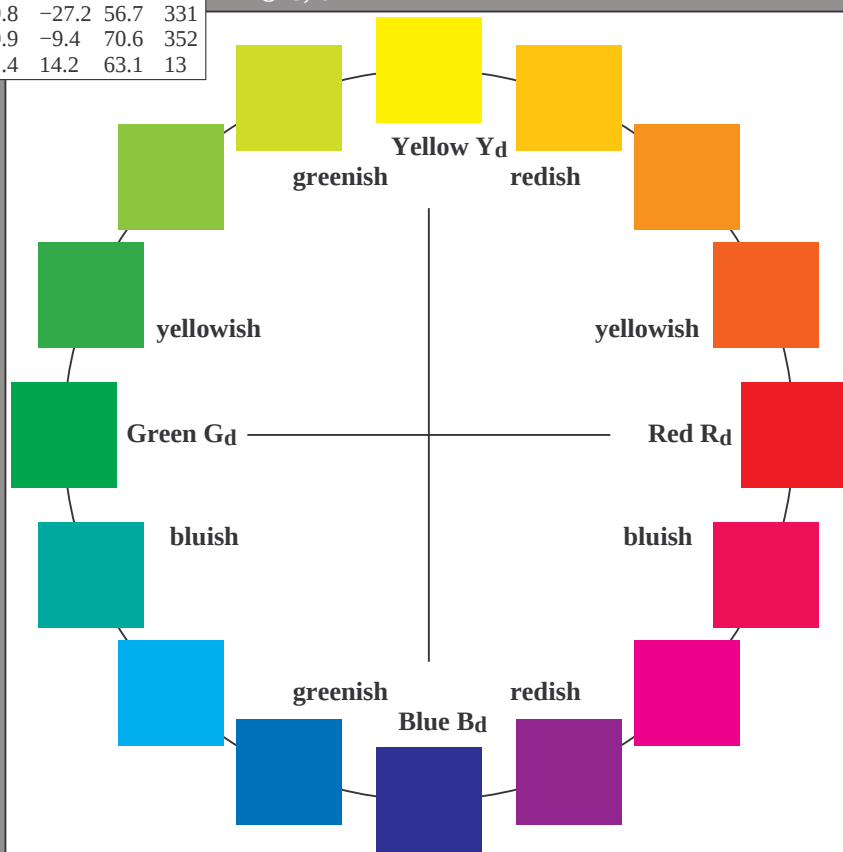
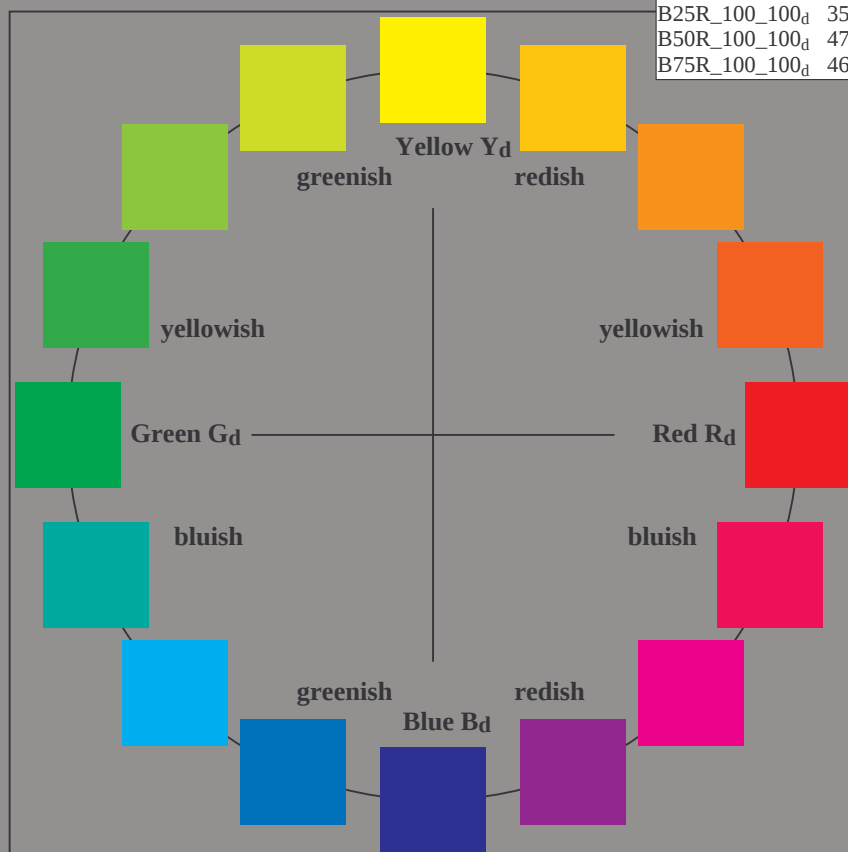
%Gamut

 $u^*_{rel} = 114$ 

%Regularity

 $g^*_{H,rel} = 28$  $g^*_{C,rel} = 38$ TUB registration: 20130201-RE84/RE84L0FP.PDF /.PS  
application for measurement of laser printer output, separation cmy0\* (CMY0)

TUB material: code=th44ta



RE840-72

1-103131-L0

TUB-test chart RE84; 16 step hue circle,  $cf=1$ Test chart according to DIN 33872, 3D=1,  $de=0$ ,  $cmy0^*$ input:  $rgb/cmyk \rightarrow rgb_{dd}$ output: 3D-linearization to  $cmy0^*_{dd}$ 

1-103131-F0