

Input and output: Laser Reflective System LRS18a

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

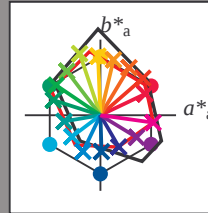
HIC_e^*

Hue text for the 16 hues
of this page:

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

LRS18a; adapted (a) CIELAB data

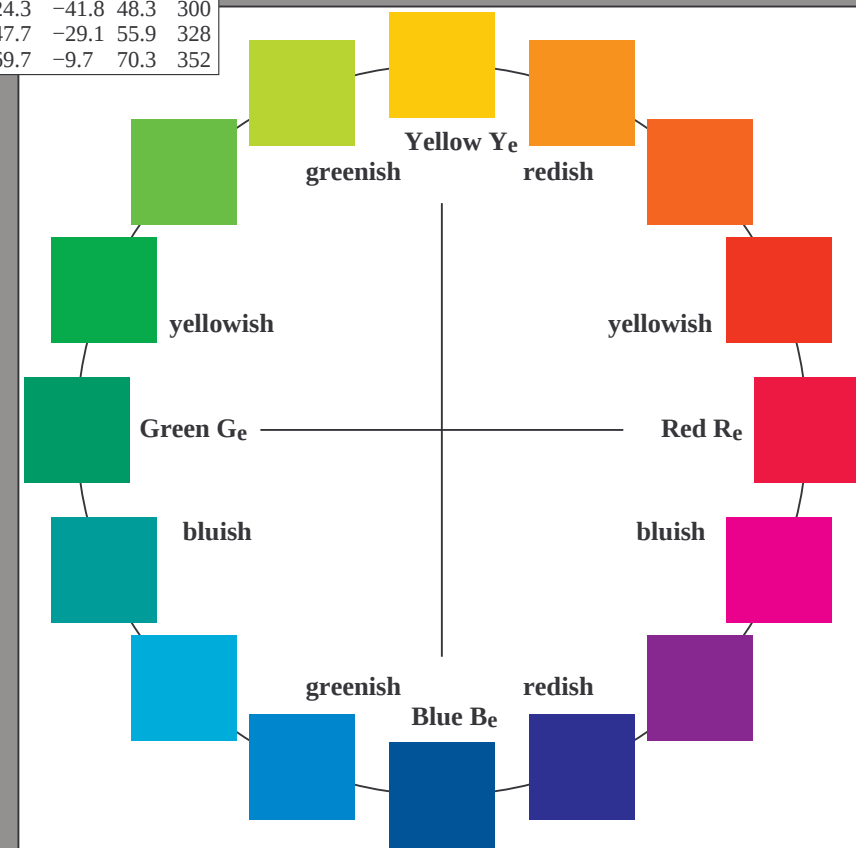
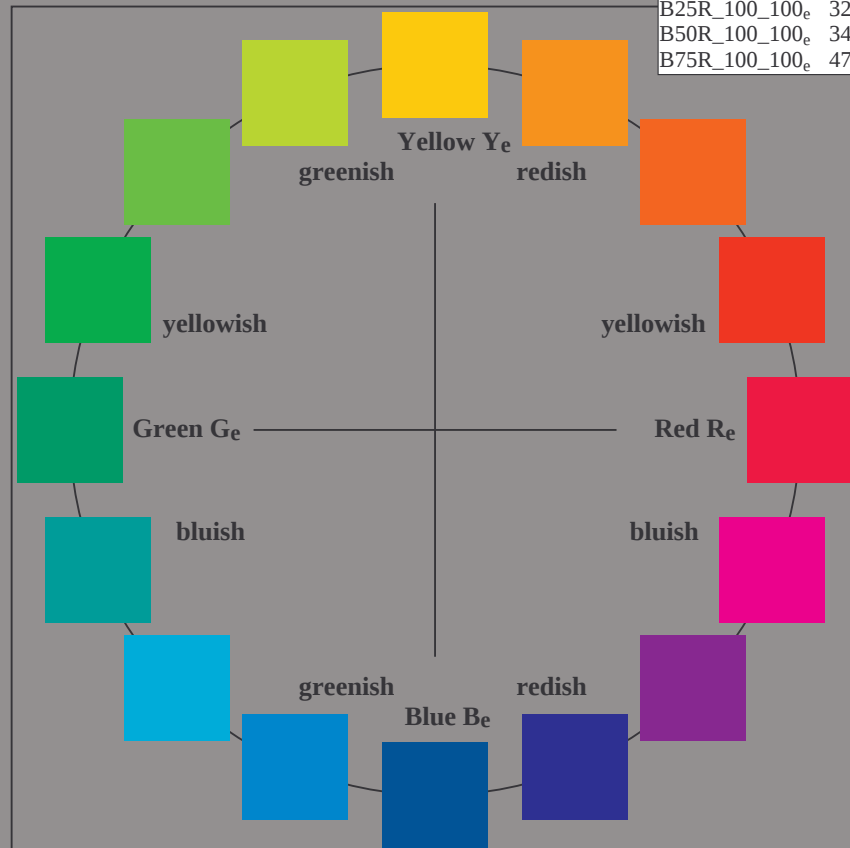
H_e^*	$L^*=L_a^* a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R00Y_100_100_e	46.2	59.0	28.1	65.4
R25Y_100_100_e	50.6	56.2	48.9	74.5
R50Y_100_100_e	60.9	37.9	62.8	73.4
R75Y_100_100_e	71.8	17.3	73.4	75.4
Y00G_100_100_e	84.0	-3.1	78.1	92
Y25G_100_100_e	84.2	-27.4	81.4	85.9
Y50G_100_100_e	69.4	-44.3	58.2	73.2
Y75G_100_100_e	58.7	-58.5	39.6	70.6
G00B_100_100_e	55.0	-62.1	19.9	65.3
G25B_100_100_e	57.1	-47.9	-8.1	48.6
G50B_100_100_e	55.9	-37.6	-28.3	47.1
G75B_100_100_e	51.1	-23.0	-47.9	53.2
B00R_100_100_e	37.3	1.4	-48.1	48.1
B25R_100_100_e	32.0	24.3	-41.8	48.3
B50R_100_100_e	34.6	47.7	-29.1	55.9
B75R_100_100_e	47.4	69.7	-9.7	70.3



%Gamut
 $u_{rel}^* = 114$
%Regularity
 $g_{H,rel}^* = 28$
 $g_{C,rel}^* = 38$

LRS18a; adapted (a) CIELAB data

Name	$L^*=L_a^* a^*$	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R_e, Ma	46.2	59.0	28.1	65.4
Y_e, Ma	84.0	-3.1	78.1	92
G_e, Ma	55.0	-62.1	19.9	65.3
C_e, Ma	55.9	-37.6	-28.3	47.1
B_e, Ma	37.3	1.4	-48.1	48.1
M_e, Ma	34.6	47.7	-29.1	55.9
N_e, Ma	24.5	0.0	0.0	0
W_e, Ma	96.3	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



RE840-73

1-113131-L0

TUB-test chart RE84; 16 step hue circle, $cf=1$
Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$