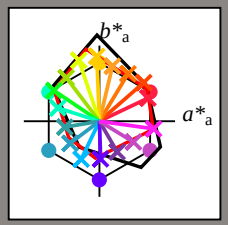
Input and Output: Laser Reflective System LRS18a

Data for any device (d) or elementary (e) colour:
***HIC*$_e$**
hue text for the colours of this page:
***H*$^*_e$ = R00Y$_e$, R25Y$_e$, ..., B75R$_e$**

LRS18a; adapted (a) CIELAB data

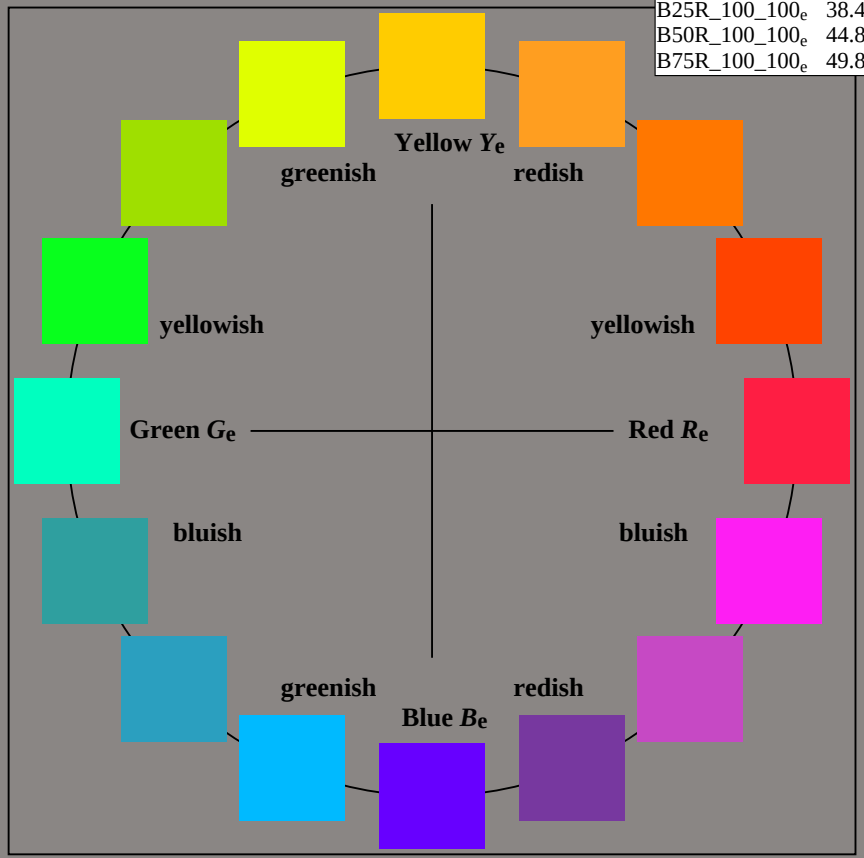
H$^*_e$	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R00Y_100_100$_e$	48.3	64.2	30.6	71.1	25
R25Y_100_100$_e$	50.5	58.6	51.1	77.8	41
R50Y_100_100$_e$	61.1	37.8	62.8	73.3	58
R75Y_100_100$_e$	72.1	17.1	72.8	74.8	76
Y00G_100_100$_e$	84.3	−3.4	85.8	85.9	92
Y25G_100_100$_e$	84.0	−27.1	80.6	85.0	108
Y50G_100_100$_e$	69.4	−43.7	57.5	72.3	127
Y75G_100_100$_e$	58.2	−60.0	40.6	72.5	145
G00B_100_100$_e$	58.4	−54.9	17.6	57.7	162
G25B_100_100$_e$	59.0	−45.6	−7.7	46.3	189
G50B_100_100$_e$	55.3	−38.8	−29.2	48.5	216
G75B_100_100$_e$	52.2	−24.1	−50.2	55.7	244
B00R_100_100$_e$	38.0	1.5	−49.8	49.8	271
B25R_100_100$_e$	38.4	23.5	−40.4	46.8	300
B50R_100_100$_e$	44.8	45.0	−27.4	52.7	328
B75R_100_100$_e$	49.8	71.7	−9.9	72.3	352

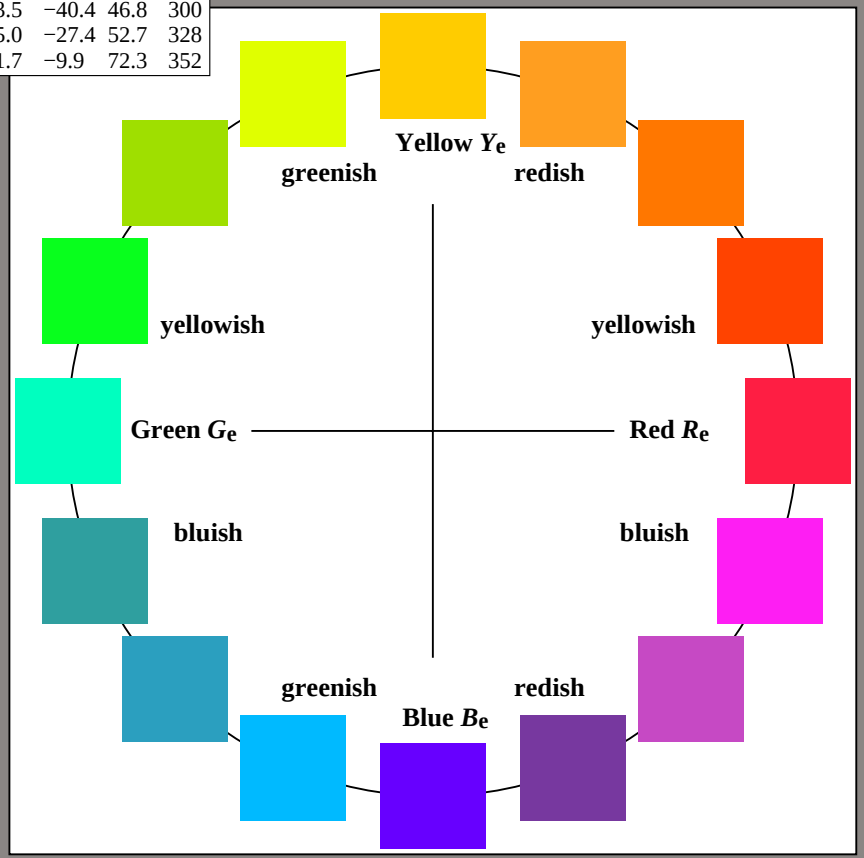


%Gamut
u*$_{rel}$ = 114
%Regularity
g*$_{H,rel}$ = 28
g*$_{C,rel}$ = 38

LRS18a; adapted (a) CIELAB data

name	*L**=*L**$_a$	*a**$_a$	*b**$_a$	*C**$_{ab,a}$	*h**$_{ab,a}$
R$_{e,Ma}$	48.3	64.2	30.6	71.1	25
Y$_{e,Ma}$	84.3	−3.4	85.8	85.9	92
G$_{e,Ma}$	58.4	−54.9	17.6	57.7	162
C$_{e,Ma}$	55.3	−38.8	−29.2	48.5	216
B$_{e,Ma}$	38.0	1.5	−49.8	49.8	271
M$_{e,Ma}$	44.8	45.0	−27.4	52.7	328
N$_{e,Ma}$	15.7	0.0	0.0	0.0	0
W$_{e,Ma}$	96.3	0.0	0.0	0.0	0
R$_{e,CIE}$	39.9	58.7	27.9	65.0	25
Y$_{e,CIE}$	81.2	−2.8	71.5	71.6	92
G$_{e,CIE}$	52.2	−42.4	13.6	44.5	162
B$_{e,CIE}$	30.5	1.4	−46.4	46.4	271





RE800−73 1−113134−L0

TUB-test chart RE80; 16 step hue circle, *cf*=1
Test chart according to DIN 33872, 3D=1, de=1, *rgb**

input: *rgb/cmyk* −> *rgb*$_{de}$
output: 3D-linearization to *rgb**$_{de}$

1−113134−F0