

Input and Output: Laser Reflective System LRS18a

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

 HIC^*_d

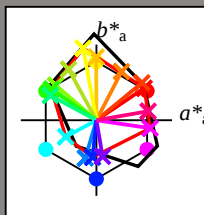
hue text for the colours

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	48.1	63.3	42.5	76.2	33
R25Y_100_100_d	49.7	60.1	49.4	77.8	39
R50Y_100_100_d	63.4	33.2	64.3	72.4	62
R75Y_100_100_d	82.3	-0.3	83.5	83.5	90
Y00G_100_100_d	92.8	-17.5	95.2	96.8	100
Y25G_100_100_d	75.6	-36.7	67.3	76.7	118
Y50G_100_100_d	61.7	-53.9	46.2	71.0	139
Y75G_100_100_d	58.6	-59.0	41.0	71.9	145
G00B_100_100_d	58.5	-59.5	40.8	72.2	145
G25B_100_100_d	57.1	-60.7	32.7	68.9	151
G50B_100_100_d	57.0	-40.5	-21.8	46.1	208
G75B_100_100_d	47.1	-14.6	-50.0	52.1	253
B00R_100_100_d	41.5	-5.0	-49.0	49.2	264
B25R_100_100_d	36.4	8.1	-47.9	48.5	279
B50R_100_100_d	50.1	71.1	-10.5	71.8	351
B75R_100_100_d	48.3	68.4	11.9	69.5	9



%Gamut

 $u^*_{rel} = 114$

%Regularity

 $g^*_{H,rel} = 28$ $g^*_{C,rel} = 38$

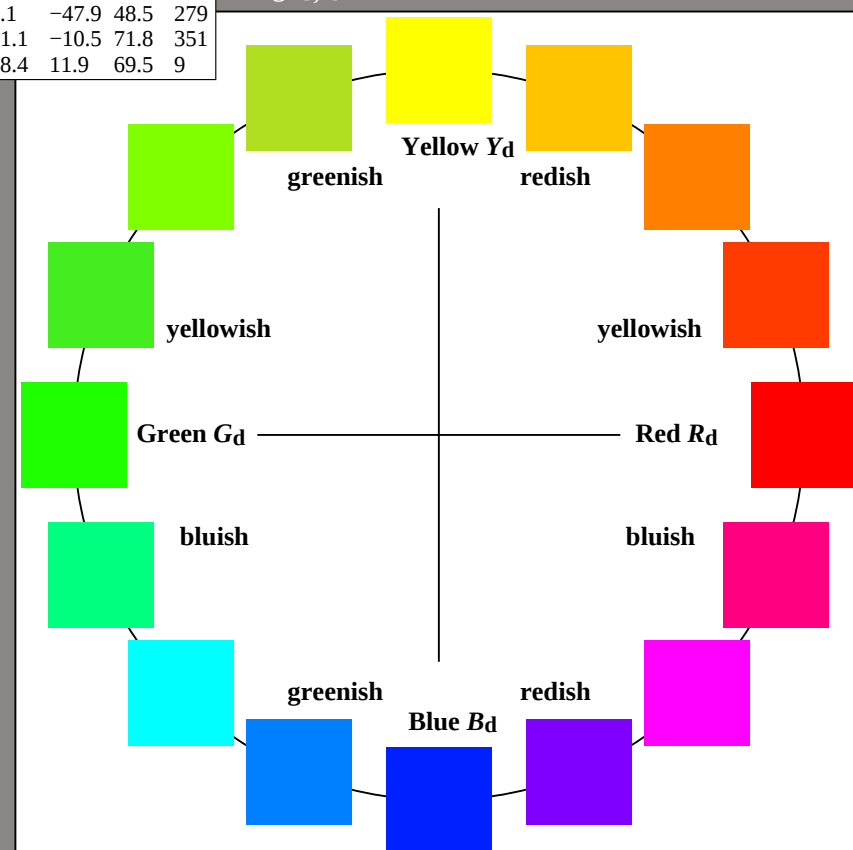
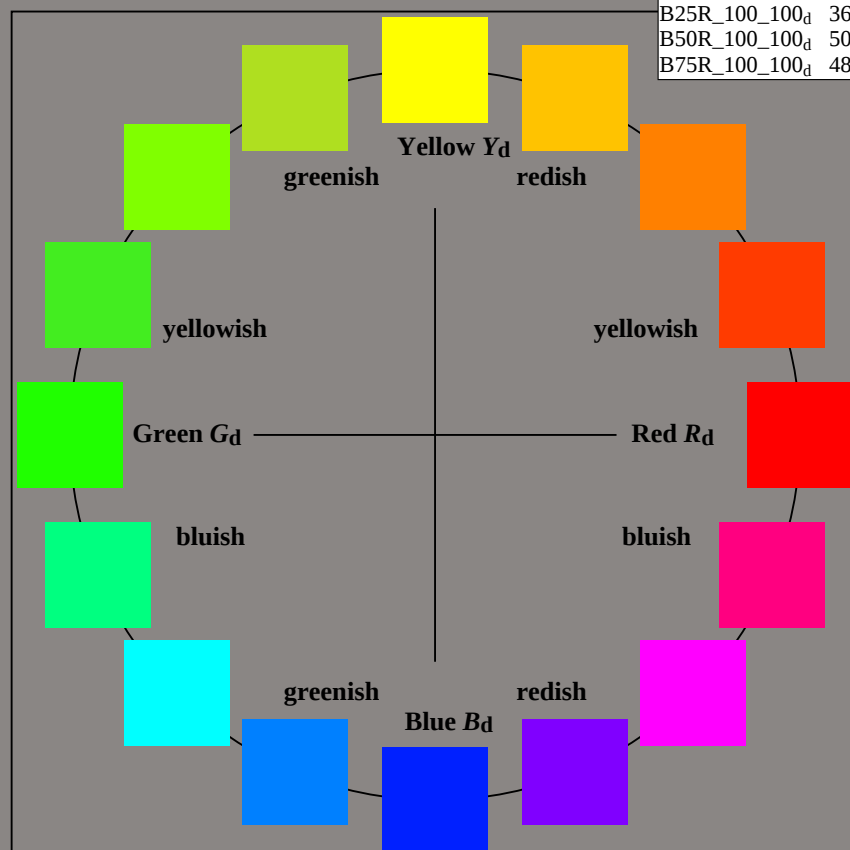
LRS18a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	48.1	63.3	42.5	76.2	33
Y _{d, Ma}	92.8	-17.5	95.2	96.8	100
G _{d, Ma}	58.5	-59.5	40.8	72.2	145
C _{d, Ma}	57.0	-40.5	-21.8	46.1	208
B _{d, Ma}	41.5	-5.0	-49.0	49.2	264
M _{d, Ma}	50.1	71.1	-10.5	71.8	351
N _{d, Ma}	15.7	0.0	0.0	0.0	0
W _{d, Ma}	96.3	0.0	0.0	0.0	0
R _{d, CIE}	39.9	58.7	27.9	65.0	25
Y _{d, CIE}	81.2	-2.8	71.5	71.6	92
G _{d, CIE}	52.2	-42.4	13.6	44.5	162
B _{d, CIE}	30.5	1.4	-46.4	46.4	271

TUB registration: 20150701-RE80/RE80L0FP.PDF /.PS

TUB material: code=rh4ta

application for measurement of laser printer output, no separation rgb* (RGB)



RE800-72 1-103134-L0

TUB-test chart RE80; 16 step hue circle, $cf=1$
Test chart according to DIN 33872, 3D=1, $de=0$, rgb^* input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to rgb^*_{dd}

1-103134-F0