

Input and Output: Laser Reflective System LRS18a

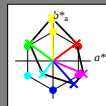
Data for any device (d) or
elementary (e) colour:

HIC^*

hue text for the colours
of this page:

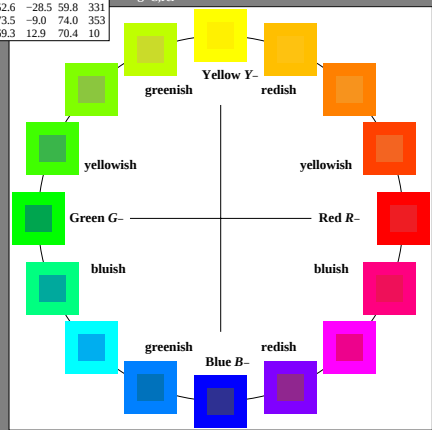
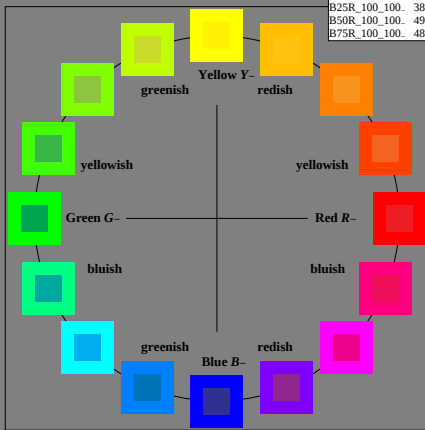
$H^*_e = R00Y_-, R25Y_-, ..., B75R_-$

ORS20a; adapted (a) CIELAB data						
H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R00Y_100_100_	48.4	66.1	40.2	77.3	31	
R25Y_100_100_	56.8	48.0	50.5	69.6	46	
R50Y_100_100_	68.6	25.0	63.9	68.6	68	
R75Y_100_100_	80.6	4.8	77.2	77.3	86	
Y00G_100_100_	90.2	-9.6	88.2	88.7	96	
Y25G_100_100_	83.2	-18.4	79.9	81.9	102	
Y50G_100_100_	73.3	-31.7	62.7	70.2	116	
Y75G_100_100_	62.0	-49.7	43.2	65.8	139	
G00B_100_100_	55.8	-65.2	33.8	73.4	152	
G25B_100_100_	59.3	-50.3	-9.0	51.0	190	
G50B_100_100_	63.0	-30.5	-42.0	51.9	234	
G75B_100_100_	45.7	-5.7	-44.6	44.9	262	
B00R_100_100_	27.5	25.9	-47.3	53.9	298	
B25R_100_100_	38.3	52.6	-28.5	59.8	331	
B50R_100_100_	49.5	73.5	-9.0	74.0	353	
B75R_100_100_	48.9	69.3	12.9	70.4	10	



%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_ Ma	32.5	62.3	46.4	77.7	36	
Y_ Ma	82.7	-3.1	113.9	114.0	91	
G_ Ma	39.4	-61.8	45.8	76.9	143	
C_ Ma	47.8	-26.8	-34.2	43.4	231	
B_ Ma	10.1	55.1	-61.0	82.2	312	
M_ Ma	34.5	80.6	-33.9	87.5	337	
N_ Ma	6.2	0.0	0.0	0.0	0	
W_ Ma	91.9	0.0	0.0	0.0	0	
R_ CIE	39.9	58.7	27.9	65.0	25	
Y_ CIE	81.2	-2.8	71.5	71.6	92	
G_ CIE	52.2	-42.4	13.6	44.5	162	
B_ CIE	30.5	1.4	-46.4	46.4	271	



RE810-7N RGB 1-003034-L0

TUB-test chart RE81; 16 step hue circle, $cf=1$
Test chart according to DIN 33872

input: rgb/cmyk -> rgb/cmyk
output: no change