

Input: Colorimetric Reflective System NCS11

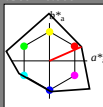
for hue $h^* = lab^*h = 24/360 = 0.066$
 lab^*ch and lab^*nh

D65: hue R
LCH*Ma: 47 92 24
rgb*Ma: 1.0 0.0 0.0

triangle lightness

1.00

$u^*_{rel} = 149$



NCS11; adapted (a) CIELAB data							
L^*	a^*	b^*	C^*	ab_a	h^*	ab_a	
R _{Ma}	47.15	84.64	37.25	92.48	24		
G _{Ma}	91.37	-1.27	125.03	125.03	91		
B _{Ma}	63.07	-114.28	25.35	117.06	167		
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203		
B _{Ma}	49.01	3.65	-81.19	81.28	273		
B50R _{Ma}	44.06	106.09	-73.93	129.32	325		
N _{Ma}	10.99	0.0	0.0	0.0	0		
W _{Ma}	95.41	0.0	0.0	0.0	0		
R _{CE}	39.92	58.69	27.98	65.01	25		
G _{CE}	81.26	-2.9	71.56	71.62	92		
B _{CE}	52.23	-42.45	13.59	44.59	162		
B _{CE}	30.57	1.35	-46.48	46.51	272		

%Regularity

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

Output: Colorimetric Reflective System MRS18

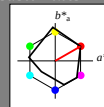
for hue $h^* = lab^*h = 30/360 = 0.083$
 lab^*ch and lab^*nh

D65: hue R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

triangle lightness

1.00

$u^*_{rel} = 91$

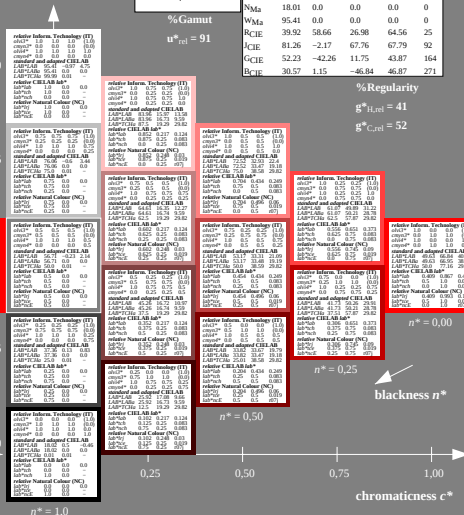
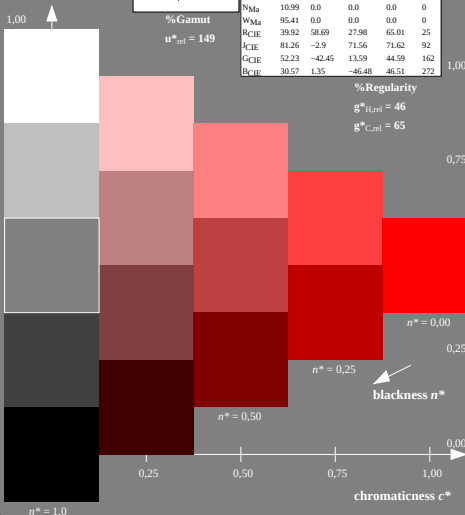


MRS18; adapted (a) CIELAB data							
L^*	a^*	b^*	C^*	ab_a	h^*	ab_a	
R _{Ma}	49.63	66.96	38.37	77.18	30		
G _{Ma}	90.7	-6.36	88.75	88.98	94		
B _{Ma}	52.11	-69.73	9.44	70.37	172		
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218		
B _{Ma}	34.65	23.19	-63.05	67.18	290		
B50R _{Ma}	34.94	57.17	-44.26	72.31	322		
N _{Ma}	18.01	0.0	0.0	0.0	0		
W _{Ma}	95.41	0.0	0.0	0.0	0		
R _{CE}	39.92	58.66	26.98	64.56	25		
G _{CE}	81.26	-2.17	67.76	67.79	92		
B _{CE}	52.23	-42.26	11.75	43.87	164		
B _{CE}	30.57	1.15	-46.84	46.87	271		

%Regularity

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$



TE4800-7, 5 step scales for constant CIELAB hue 24/360 = 0.066 (left)

5 step scales for constant CIELAB hue 30/360 = 0.083 (right)

BAM-test chart TE48; Colorimetric systems NCS11a & MRS18
D65: 5 step colour scales and coordinate data for 10 hues

input: $olv^* setrgcolor$
output: no change compared to input