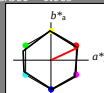


Input: Colorimetric Natural Reflective System CNS18

for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*tch and lab^*nch

D65: hue R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.0 0.0
triangle lightness t^*



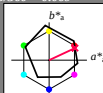
%Gamut
 $u^*_{rel} = 100$
%Regularity
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

CNS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50BMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 25/360 = 0.069$
 lab^*tch and lab^*nch

D65: hue O
LCH*Ma: 48 76 25
olv*Ma: 1.0 0.0 0.32
triangle lightness t^*



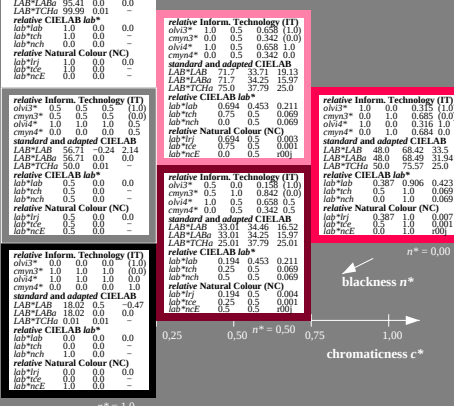
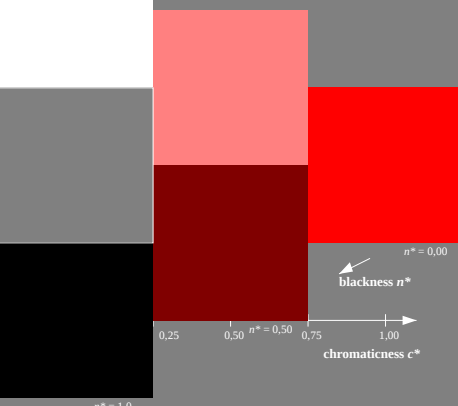
%Gamut
 $u^*_{rel} = 93$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18; adapted (a) CIE Lab data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
WMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)				
$olv3^*$	1.0	1.0	1.0	(1.0)
$cmyn3^*$	0.0	0.0	0.0	(0.0)
$olv4^*$	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB^*LAB	95.41	-0.98	4.75	
LAB^*Lab	95.41	0.0	0.0	
LAB^*TCh	99.99	0.01	-	
relative CIELAB lab*				
lab^*lab	1.0	0.0	0.0	
lab^*tch	1.0	0.0	-	
lab^*nch	0.0	0.0	-	
relative Natural Colour (NC)				
lab^*lrj	1.0	0.0	0.0	
lab^*tce	1.0	0.0	-	
lab^*nce	0.0	0.0	-	

relative Inform. Technology (IT)				
$olv3^*$	1.0	0.5	0.5	(1.0)
$cmyn3^*$	0.0	0.5	0.342	(0.0)
$olv4^*$	1.0	0.5	0.5	(1.0)
$cmyn4^*$	0.0	0.5	0.342	(0.0)
standard and adapted CIELAB				
LAB^*LAB	71.7	33.71	19.13	
LAB^*Lab	71.7	34.25	15.97	
LAB^*TCh	75.0	37.79	25.01	
relative CIELAB lab*				
lab^*lab	0.694	0.453	0.211	
lab^*tch	0.75	0.5	0.069	
lab^*nch	0.0	0.5	0.069	
relative Natural Colour (NC)				
lab^*lrj	0.694	0.5	0.003	
lab^*tce	0.75	0.5	0.001	
lab^*nce	0.0	0.5	0.001	

relative Inform. Technology (IT)				
$olv3^*$	1.0	0.0	0.315	(1.0)
$cmyn3^*$	0.0	1.0	0.685	(0.0)
$olv4^*$	1.0	0.0	0.316	(1.0)
$cmyn4^*$	0.0	1.0	0.684	(0.0)
standard and adapted CIELAB				
LAB^*LAB	48.0	68.42	33.5	
LAB^*Lab	48.0	68.49	31.94	
LAB^*TCh	50.0	75.57	25.0	
relative CIELAB lab*				
lab^*lab	0.387	0.906	0.423	
lab^*tch	0.5	1.0	0.069	
lab^*nch	0.0	1.0	0.069	
relative Natural Colour (NC)				
lab^*lrj	0.387	1.0	0.007	
lab^*tce	0.5	1.0	0.001	
lab^*nce	0.0	1.0	0.001	



BAM-test chart VE40; Colorimetric systems CNS18 & ORS18
D65: 3 step colour scales and coordinate data for 10 hues

3 step scales for constant CIELAB hue 25/360 = 0.069 (right)
input: olv* setrgbcolor
output: no change compared to input