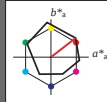


Input: Colorimetric Reflective System ORS18

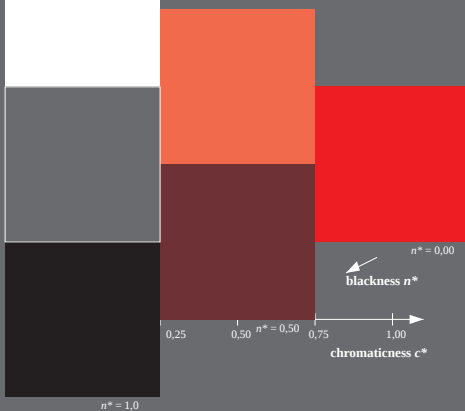
for hue $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch and lab^*nch

D65: hue O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0
triangle lightness t^*



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

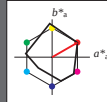
ORS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
NMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271



Output: Colorimetric Reflective System MRS18

for hue $h^* = lab^*h = 30/360 = 0.083$
 lab^*tch and lab^*nch

D65: hue R
LCH*Ma: 50 77 30
olv*Ma: 1.0 0.0 0.0
triangle lightness t^*



%Gamut
 $u^*_{rel} = 91$
%Regularity
 $g^*_{H,rel} = 41$
 $g^*_{C,rel} = 52$

MRS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
NMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olvi4*	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	-0.97	4.75		
LAB*Lab	95.41	0.0	0.0		
LAB*TChe	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)					
olvi3*	1.0	0.5	0.5	(1.0)	
cmyn3*	0.0	0.5	0.5	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmyn4*	0.0	0.5	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	72.52	32.93	22.4		
LAB*Lab	72.52	33.47	19.18		
LAB*TChe	75.0	38.58	29.82		
relative CIELAB lab*					
lab*lab	0.704	0.434	0.249		
lab*tch	0.75	0.5	0.083		
lab*nch	0.0	0.5	0.083		
lab*lrj	0.704	0.496	0.06		
lab*tce	0.75	0.5	0.019		
lab*nce	0.0	0.5	0.071		

relative Inform. Technology (IT)					
olvi3*	1.0	0.0	1.0	(1.0)	
cmyn3*	0.0	1.0	0.0	(0.0)	
olvi4*	1.0	0.0	0.0	(1.0)	
cmyn4*	0.0	1.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	49.63	66.84	40.03		
LAB*Lab	49.63	66.95	38.36		
LAB*TChe	50.0	77.16	29.82		
relative CIELAB lab*					
lab*lab	0.409	0.867	0.497		
lab*tch	0.409	0.993	0.119		
lab*nch	0.0	1.0	0.019		
lab*lrj	0.409	0.993	0.119		
lab*tce	0.5	1.0	0.019		
lab*nce	0.0	1.0	0.071		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(0.0)	
cmyn3*	1.0	1.0	1.0	(1.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmyn4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.46		
LAB*Lab	18.02	0.0	0.0		
LAB*TChe	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	1.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*tce	0.0	0.0	-		
lab*nce	1.0	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.5	0.0	0.0	(1.0)	
cmyn3*	0.5	1.0	1.0	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmyn4*	0.0	0.5	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	33.83	33.67	19.79		
LAB*Lab	33.82	33.47	19.18		
LAB*TChe	25.01	38.58	29.82		
relative CIELAB lab*					
lab*lab	0.204	0.434	0.249		
lab*tch	0.25	0.5	0.083		
lab*nch	0.0	0.5	0.083		
relative Natural Colour (NC)					
lab*lrj	0.204	0.496	0.06		
lab*tce	0.25	0.5	0.019		
lab*nce	0.0	0.5	0.071		

relative Inform. Technology (IT)					
olvi3*	0.5	0.0	0.0	(1.0)	
cmyn3*	0.5	1.0	1.0	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmyn4*	0.0	0.5	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	33.83	33.67	19.79		
LAB*Lab	33.82	33.47	19.18		
LAB*TChe	25.01	38.58	29.82		
relative CIELAB lab*					
lab*lab	0.204	0.434	0.249		
lab*tch	0.25	0.5	0.083		
lab*nch	0.0	0.5	0.083		
relative Natural Colour (NC)					
lab*lrj	0.204	0.496	0.06		
lab*tce	0.25	0.5	0.019		
lab*nce	0.0	0.5	0.071		

UE000-7, 3 step scales for constant CIELAB hue 38/360 = 0.105 (left)

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

BAM-test chart UE00; Colorimetric systems ORS18 & MRS18
D65: 3 step colour scales and coordinate data for 10 hues

input: $cmY0^* \text{ setcmYcolor}$
output: $cmY0^* / 000n^* \text{ setcmYcolor}$