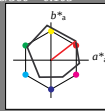


Input: Colorimetric Offset Reflective System ORS18

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	65.39	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
VMa	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
GCIE	81.26	-2.16	67.76	67.79	92
GCIE2	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	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*	0.5	0.5	0.5 (1.0)
cmyn3*	0.0	0.5	0.5 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	56.72	0.0	0.0
LAB*LABa	56.72	0.0	0.0
LAB*TCHa	50.0	0.01	-
relative CIELAB lab*			
lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)			
olvi3*	0.5	0.0	0.0 (1.0)
cmyn3*	1.0	1.0	1.0 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	0.0	0.0	-
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*	0.0	0.0	0.0 (1.0)
cmyn3*	1.0	1.0	1.0 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	0.0	0.0	-
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*	0.0	0.0	0.0 (1.0)
cmyn3*	1.0	1.0	1.0 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	0.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

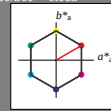
relative Inform. Technology (IT)			
olvi3*	0.0	0.0	0.0 (1.0)
cmyn3*	1.0	1.0	1.0 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	0.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

Output: Colorimetric Standard Reflective System SRS18

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

D65: hue O
LCH*Ma: 57 77 30
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



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

SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.37	77.4	270
MMa	56.71	67.03	-38.69	77.4	330
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
GCIE	81.26	-2.88	71.56	71.62	92
GCIE2	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	-
relative CIELAB lab*			
lab*lab	1.0	0.5	0.5 (1.0)
lab*tch	1.0	0.5	0.5 (0.0)
lab*nch	0.0	0.5	0.5 (0.0)
relative Natural Colour (NC)			
lab*lrj	1.0	0.5	0.5 (0.0)
lab*tce	1.0	0.5	0.5 (0.0)
lab*nce	0.0	0.5	0.5 (0.0)

relative Inform. Technology (IT)			
olvi3*	1.0	0.0	0.0 (1.0)
cmyn3*	0.0	1.0	1.0 (0.0)
olvi4*	1.0	0.0	0.0 (0.5)
cmyn4*	0.0	1.0	1.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	76.06	33.51	19.35
LAB*LABa	76.06	33.51	19.35
LAB*TCHa	75.0	38.69	30.0
relative CIELAB lab*			
lab*lab	0.75	0.497	0.053
lab*tch	0.75	0.5	0.017
lab*nce	0.0	0.5	0.061

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 (0.5)
cmyn4*	0.0	0.5	0.5 (0.5)
standard and adapted CIELAB			
LAB*LAB	37.36	33.51	19.35
LAB*LABa	37.36	33.51	19.35
LAB*TCHa	25.01	38.69	30.0
relative CIELAB lab*			
lab*lab	0.25	0.433	0.25
lab*tch	0.25	0.5	0.083
lab*nch	0.5	0.0	0.083
relative Natural Colour (NC)			
lab*lrj	0.25	0.497	0.053
lab*tce	0.25	0.5	0.017
lab*nce	0.5	0.5	0.061

relative Inform. Technology (IT)			
olvi3*	0.5	0.0	0.0 (1.0)
cmyn3*	1.0	1.0	1.0 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	0.0	0.0	-
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*	0.0	0.0	0.0 (1.0)
cmyn3*	1.0	1.0	1.0 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	0.0	0.0	-
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*	0.0	0.0	0.0 (1.0)
cmyn3*	1.0	1.0	1.0 (0.0)
olvi4*	1.0	1.0	1.0 (0.5)
cmyn4*	0.0	0.0	0.0 (0.5)
standard and adapted CIELAB			
LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	-
relative CIELAB lab*			
lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	0.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

