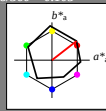


Input: Colorimetric Offset Reflective System ORS18

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

D50: hue O
LCH*Ma: 48 82 38
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 94$
%Regularity
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

ORS18; adapted (a) CIELAB data

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 47.94	65.05	50.54	82.38	38
YMa 91.0	-4.72	90.58	90.7	93
LMa 50.9	-63.18	34.98	72.22	151
CMa 56.99	-39.34	-48.1	62.16	231
VMa 25.72	30.89	-44.4	54.09	305
MMa 49.09	75.76	-4.64	75.9	356
NMa 18.09	0.0	0.0	0.0	0
WMa 95.46	0.0	0.0	0.0	0
RCIE 41.88	61.66	30.69	68.88	26
JCIE 81.97	2.02	67.79	67.82	88
GCIE 51.62	-41.32	9.74	42.46	167
BCIE 29.2	-5.79	-49.61	49.96	263

standard and adapted CIELAB

lab^*lab	lab^*tch	lab^*nch
lab^*lab 1.0 0.0 0.0	1.0 0.0 0.0	0.0 0.0 0.0
lab^*tch 1.0 0.0 0.0	1.0 0.0 0.0	0.0 0.0 0.0
lab^*nch 0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0
lab^*trj 1.0 0.0 0.0	1.0 0.0 0.0	0.0 0.0 0.0
lab^*tce 1.0 0.0 0.0	1.0 0.0 0.0	0.0 0.0 0.0
lab^*nce 0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0

relative Inform. Technology (IT)

$olvi3^*$	0.5	0.5	0.5	(1.0)
$cmyn3^*$	0.5	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	47.72	0.0	0.0
LAB^*LABa	47.72	0.0	0.0
LAB^*TCh	50.0	0.01	0.01

relative CIELAB lab*

lab^*lab	0.5	0.0	0.0
lab^*tch	0.5	0.0	0.0
lab^*nch	0.5	0.0	0.0

relative Natural Colour (NC)

blackness n^*

relative Inform. Technology (IT)

50 $n^* = 0,50$ 0,75 1,00

chromaticness c^*

standard and adapted CIELAB

LAB^*LAB	0.03	0.0	0.0
LAB^*LABa	0.03	0.0	0.0
LAB^*TCh	0.01	0.01	0.01

relative CIELAB lab*

0 = 0.105 (left)

PE00; Colorimetric systems O

our scales and coordinate data f

relative Natural Colour (NC)

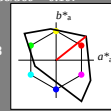
lab^*trj	0.0	0.0	0.0
lab^*tce	0.0	0.0	0.0
lab^*nce	1.0	0.0	0.0

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 38/360 = 0.107$
 lab^*tch and lab^*nch

D50: hue O
LCH*Ma: 54 101 38
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 156$
%Regularity
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

TLS00; adapted (a) CIELAB data

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 54.19	79.36	63.0	101.33	38
YMa 93.44	-14.18	82.59	83.8	100
LMa 82.82	-83.73	70.41	109.41	140
CMa 85.22	-55.9	-15.78	58.1	196
VMa 25.61	67.05	-108.87	127.87	302
MMa 58.76	91.18	-53.69	105.82	330
NMa 0.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 41.88	62.0	31.82	69.69	27
JCIE 81.97	1.81	71.59	71.61	89
GCIE 51.62	-41.11	11.52	42.7	164
BCIE 29.2	-5.27	-49.33	49.62	264

standard and adapted CIELAB

LAB^*LAB	74.79	39.67	31.49
LAB^*LABa	74.79	39.67	31.49
LAB^*TCh	75.0	50.65	38.44

relative Inform. Technology (IT)

0.392	0.311	<i>olvi3*</i>	1.0	0.0	0.0
0.5	0.107	<i>cmyn3*</i>	0.0	1.0	1.0
0.5	0.107	<i>olvi4*</i>	1.0	0.0	0.0
colour (NC)		<i>cmyn4*</i>	0.0	1.0	1.0

standard and adapted CIELAB

0.5	r18j		
technology (IT)			
0.0	(1.0)		

relative CIELAB lab*

lab^*lab	0.568	0.783	0.622
lab^*tch	0.5	1.0	1.0
lab^*nch	0.0	1.0	0.0

relative Natural Colour (NC)

lab^*trj	0.568	0.958	0.285
lab^*tce	0.5	1.0	0.046
lab^*nce	0.0	1.0	[18]

relative Inform. Technology (IT)

chromaticness c^*

standard and adapted CIELAB

LAB^*LAB	27.1	39.67	31.49
LAB^*LABa	27.1	39.67	31.49
LAB^*TCh	25.01	50.65	38.44

relative CIELAB lab*

107 (right)

pared to input



relative Natural Colour (NC)

lab^*trj	0.284	0.479	0.142
lab^*tce	0.25	0.5	0.046
lab^*nce	0.5	0.5	[18]