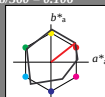


Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.106$
 lab^*tch and lab^*nch

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

triangle lightness t^*



%Gamut
 $u^*_{rel} = 96$
%Regularity
 $g^*_{H,rel} = -385$
 $g^*_{C,rel} = 62$

ORS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
RCIE	47.79	60.85	41.08	73.41	34
JCIE	83.82	6.52	66.9	67.22	84
GCIE	49.0	-36.83	2.78	36.95	176
BCIE	25.14	-18.35	-56.22	59.15	252

standard and adapted CIELAB

	LAB^*	LAB^*_a	LAB^*_b	LAB^*_c	LAB^*_tch	LAB^*_nch
LAB^*	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_a	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_b	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_c	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_tch	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_nch	95.41	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

	$olvi3^*$	$olvi4^*$	$olvi5^*$	$olvi6^*$	$olvi7^*$	$olvi8^*$
$olvi3^*$	1.0	0.0	0.0	0.0	0.0	0.0
$olvi4^*$	0.0	1.0	0.0	0.0	0.0	0.0
$olvi5^*$	0.0	0.0	1.0	0.0	0.0	0.0
$olvi6^*$	0.0	0.0	0.0	1.0	0.0	0.0
$olvi7^*$	0.0	0.0	0.0	0.0	1.0	0.0
$olvi8^*$	0.0	0.0	0.0	0.0	0.0	1.0

standard and adapted CIELAB

	LAB^*	LAB^*_a	LAB^*_b	LAB^*_c	LAB^*_tch	LAB^*_nch
LAB^*	47.72	0.0	0.0	0.0	0.0	0.0
LAB^*_a	47.72	0.0	0.0	0.0	0.0	0.0
LAB^*_b	47.72	0.0	0.0	0.0	0.0	0.0
LAB^*_c	47.72	0.0	0.0	0.0	0.0	0.0
LAB^*_tch	47.72	0.0	0.0	0.0	0.0	0.0
LAB^*_nch	47.72	0.0	0.0	0.0	0.0	0.0

relative CIELAB lab*

	lab^*	lab^*_a	lab^*_b	lab^*_c	lab^*_tch	lab^*_nch
lab^*	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_a	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_b	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_c	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_tch	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_nch	0.5	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

	lab^*	lab^*_a	lab^*_b	lab^*_c	lab^*_tch	lab^*_nch
lab^*	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_a	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_b	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_c	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_tch	0.5	0.0	0.0	0.0	0.0	0.0
lab^*_nch	0.5	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

	$olvi3^*$	$olvi4^*$	$olvi5^*$	$olvi6^*$	$olvi7^*$	$olvi8^*$
$olvi3^*$	1.0	0.0	0.0	0.0	0.0	0.0
$olvi4^*$	0.0	1.0	0.0	0.0	0.0	0.0
$olvi5^*$	0.0	0.0	1.0	0.0	0.0	0.0
$olvi6^*$	0.0	0.0	0.0	1.0	0.0	0.0
$olvi7^*$	0.0	0.0	0.0	0.0	1.0	0.0
$olvi8^*$	0.0	0.0	0.0	0.0	0.0	1.0

standard and adapted CIELAB

	LAB^*	LAB^*_a	LAB^*_b	LAB^*_c	LAB^*_tch	LAB^*_nch
LAB^*	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_a	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_b	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_c	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_tch	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_nch	0.03	0.0	0.0	0.0	0.0	0.0

relative CIELAB lab*

	lab^*	lab^*_a	lab^*_b	lab^*_c	lab^*_tch	lab^*_nch
lab^*	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_a	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_b	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_c	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_tch	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_nch	0.0	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

	lab^*	lab^*_a	lab^*_b	lab^*_c	lab^*_tch	lab^*_nch
lab^*	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_a	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_b	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_c	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_tch	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_nch	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

	$olvi3^*$	$olvi4^*$	$olvi5^*$	$olvi6^*$	$olvi7^*$	$olvi8^*$
$olvi3^*$	1.0	0.0	0.0	0.0	0.0	0.0
$olvi4^*$	0.0	1.0	0.0	0.0	0.0	0.0
$olvi5^*$	0.0	0.0	1.0	0.0	0.0	0.0
$olvi6^*$	0.0	0.0	0.0	1.0	0.0	0.0
$olvi7^*$	0.0	0.0	0.0	0.0	1.0	0.0
$olvi8^*$	0.0	0.0	0.0	0.0	0.0	1.0

standard and adapted CIELAB

	LAB^*	LAB^*_a	LAB^*_b	LAB^*_c	LAB^*_tch	LAB^*_nch
LAB^*	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_a	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_b	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_c	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_tch	0.03	0.0	0.0	0.0	0.0	0.0
LAB^*_nch	0.03	0.0	0.0	0.0	0.0	0.0

relative CIELAB lab*

	lab^*	lab^*_a	lab^*_b	lab^*_c	lab^*_tch	lab^*_nch
lab^*	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_a	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_b	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_c	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_tch	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_nch	0.0	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

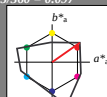
	lab^*	lab^*_a	lab^*_b	lab^*_c	lab^*_tch	lab^*_nch
lab^*	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_a	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_b	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_c	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_tch	0.0	0.0	0.0	0.0	0.0	0.0
lab^*_nch	0.0	0.0	0.0	0.0	0.0	0.0

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 35/360 = 0.097$
 lab^*tch and lab^*nch

A: hue O
LCH*Ma: 66 90 35
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 141$
%Regularity
 $g^*_{H,rel} = 39$
 $g^*_{C,rel} = 43$

TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	65.56	73.34	51.39	89.55	35
YMa	94.78	-3.49	52.24	52.36	94
LMa	77.48	-92.97	36.0	99.71	159
CMa	78.36	-82.69	-22.74	85.77	195
VMa	12.55	38.81	-114.81	121.2	289
MMa	66.71	76.08	-29.8	81.71	339
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	47.79	61.74	42.56	74.99	35
JCIE	83.82	7.06	70.78	71.13	84
GCIE	49.0	-35.95	4.34	36.22	173
BCIE	25.14	-17.24	-56.24	58.84	253

standard and adapted CIELAB

	LAB^*	LAB^*_a	LAB^*_b	LAB^*_c	LAB^*_tch	LAB^*_nch
LAB^*	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_a	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_b	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_c	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_tch	95.41	0.0	0.0	0.0	0.0	0.0
LAB^*_nch	95.41	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

	$olvi3^*$	$olvi4^*$	$olvi5^*$	$olvi6^*$	$olvi7^*$	$olvi8^*$
$olvi3^*$	1.0	0.0	0.0	0.0	0.0	0.0
$olvi4^*$	0.0	1.0	0.0	0.0	0.0	0.0
$olvi5^*$	0.0	0.0	1.0	0.0	0.0	0.0
$olvi6^*$	0.0	0.0	0.0	1.0	0.0	0.0
$olvi7^*$	0.0	0.0	0.0	0.0	1.0	0.0
$olvi8^*$	0.0	0.0	0.0	0.0	0.0	1.0

standard and adapted CIELAB

	LAB^*	LAB^*_a	LAB^*_b	LAB^*_c	LAB^*_tch	LAB^*_nch
LAB^*	80.48	36.66	25.69	36.66	25.69	36.66
LAB^*_a	80.48	36.66	25.69	36.66	25.69	36.66
LAB^*_b	80.48	36.66	25.69	36.66	25.69	36.66
LAB^*_c	80.48	36.66	25.69	36.66	25.69	36.66
LAB^*_tch	80.48	36.66	25.69	36.66	25.69	36.66
LAB^*_nch	80.48	36.66	25.69	36.66	25.69	36.66

relative CIELAB lab*

	lab^*	lab^*_a	lab^*_b	lab^*_c	lab^*_tch	lab^*_nch
lab^*	0.843	0.409	0.287	0.409	0.287	0.409
lab^*_a	0.843	0.409	0.287	0.409	0.287	0.409