

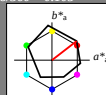
Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.105$ lab^*ch 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

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

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	-0.98	4.75
LAB*LABo	95.41	0.0	0.0
LAB*TCHo	93.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.5	0.0	(1.0)
lab*ch	1.0	0.0	-	-
lab*nch	0.0	1.0	-	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*nce	1.0	0.0	0.0
lab*nce	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	56.71	-0.24	2.14
LAB*LABo	56.71	0.0	0.0
LAB*TCHo	50.0	0.0	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	(1.0)
lab*ch	0.5	0.0	-	-
lab*nch	0.0	0.5	-	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*nce	0.5	0.0	0.0
lab*nce	0.0	0.5	-

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
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olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.5	-0.47
LAB*LABo	18.02	0.0	0.0
LAB*TCHo	0.01	0.01	-

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	-	-
lab*nch	1.0	0.0	-	-

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0
lab*nce	1.0	0.0	-

 $n^* = 1.0$

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	1.0	0.5
cmyn4*	0.0	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	71.67	32.15	28.41
LAB*LABo	71.67	32.69	25.25
LAB*TCHo	75.0	41.31	37.69

relative CIELAB lab*

lab*lab	0.693	0.396	0.306
lab*ch	0.75	0.5	0.105
lab*nch	0.0	0.5	0.105

relative Natural Colour (NC)

lab*lrj	0.693	0.477	0.15
lab*nce	0.75	0.5	0.048
lab*nce	0.0	0.5	0.15

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

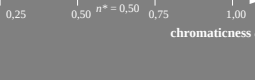
LAB*LAB	32.98	32.9	25.8
LAB*LABo	32.98	32.69	25.25
LAB*TCHo	25.01	41.31	37.69

relative CIELAB lab*

lab*lab	0.193	0.396	0.306
lab*ch	0.25	0.5	0.105
lab*nch	0.0	0.5	0.105

relative Natural Colour (NC)

lab*lrj	0.193	0.477	0.15
lab*nce	0.25	0.5	0.048
lab*nce	0.0	0.5	0.15

 $n^* = 0.00$ blackness n^* chromaticness c^* 

ORS18; adapted (a) CIELAB data

$L^* = L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
Om4	47.94	65.39	50.52	82.63	38
Ym4	90.37	-10.26	91.75	92.32	96
Lm4	50.9	-62.83	34.96	71.91	151
Cm4	58.62	-30.34	-45.01	54.3	236
Vm4	25.72	31.1	-44.4	54.22	305
Mm4	48.13	75.28	-8.36	75.74	354
Nm4	18.01	0.0	0.0	0.0	0
Wm4	95.41	0.0	0.0	0.0	0
Rc4	39.92	58.66	26.98	64.57	25
Jc4	81.26	-2.16	67.76	67.79	92
Gc4	52.23	-42.25	11.76	43.87	164
Bc4	30.57	1.15	-46.84	46.86	271

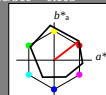
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cmyn4*	0.0	0.5	0.5	0.5

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standard and adapted CIELAB

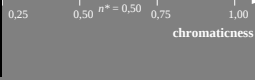
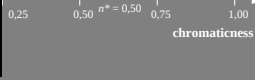
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lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	-	-
lab*nch	1.0	0.0	-	-

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0
lab*nce	1.0	0.0	-

 $n^* = 1.0$  $n^* = 0.00$ blackness n^* chromaticness c^* 

BAM-test chart NE14; Colorimetric systems ORS18 & ORS18

D65: 2 coordinate data of 3 step colour scales for 10 hues

input: olv* setrgbcolor

output: olv* setrgbcolor / w* setgray