

Input: Colorimetric Offset Reflective System ORS18

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

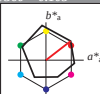
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 93$

% Regularity

$g^*_{Hrel} = 57$

$g^*_{Crel} = 59$

relative Inform. Technology (IT)			
olvi3*	1.0	1.0	1.0
olvi3*	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0
LAB*LAB	95.41	-0.98	4.75
LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0

relative CIELAB lab*			
lab*lab	1.0	0.5	0.0
lab*tch	1.0	0.0	-
lab*nch	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	0.0
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	0.5	0.5	0.5
olvi3*	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0
LAB*LAB	56.71	-0.24	2.14
LAB*LAB	56.71	0.0	0.0
LAB*LAB	56.71	0.0	0.0

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	0.0
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	0.0	0.0	0.0
olvi3*	1.0	1.0	1.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0
LAB*LAB	18.02	0.0	-0.47
LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0

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	0.0
lab*nce	0.0	0.0	-

$n^* = 1.0$

relative Inform. Technology (IT)			
olvi3*	1.0	0.5	0.5
olvi3*	0.0	0.5	0.0
olvi4*	1.0	0.5	0.5
olvi4*	0.0	0.5	0.0
olvi5*	1.0	0.5	0.5
olvi5*	0.0	0.5	0.0
LAB*LAB	71.67	32.15	28.41
LAB*LAB	71.67	32.15	28.41
LAB*LAB	71.67	32.15	28.41

relative CIELAB lab*			
lab*lab	0.693	0.396	0.306
lab*tch	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*tce	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
olvi3*	0.0	0.0	0.0
olvi4*	1.0	0.5	0.5
olvi4*	0.0	0.5	0.0
olvi5*	1.0	0.5	0.5
olvi5*	0.0	0.5	0.0
LAB*LAB	32.98	32.9	25.8
LAB*LAB	32.98	32.9	25.8
LAB*LAB	32.98	32.9	25.8

relative CIELAB lab*			
lab*lab	0.193	0.396	0.306
lab*tch	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*tce	0.25	0.5	0.048
lab*nce	0.0	0.5	0.15

relative Inform. Technology (IT)			
olvi3*	0.0	0.0	0.0
olvi3*	1.0	1.0	1.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0
LAB*LAB	18.02	0.0	-0.47
LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0

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	0.0
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	1.0	0.0	0.0
olvi3*	0.0	0.0	0.0
olvi4*	1.0	0.0	0.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	0.0	0.0
olvi5*	0.0	0.0	0.0
LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.3	52.06

relative CIELAB lab*			
lab*lab	0.387	0.791	0.611
lab*tch	0.387	0.5	0.299
lab*nch	0.0	0.5	0.105
relative Natural Colour (NC)			
lab*lrj	0.387	0.5	0.299
lab*tce	0.387	0.5	0.048
lab*nce	0.0	0.5	0.15

relative Inform. Technology (IT)			
olvi3*	0.5	0.0	0.0
olvi3*	0.0	0.0	0.0
olvi4*	1.0	0.5	0.5
olvi4*	0.0	0.5	0.0
olvi5*	1.0	0.5	0.5
olvi5*	0.0	0.5	0.0
LAB*LAB	32.98	32.9	25.8
LAB*LAB	32.98	32.9	25.8
LAB*LAB	32.98	32.9	25.8

relative CIELAB lab*			
lab*lab	0.193	0.396	0.306
lab*tch	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*tce	0.25	0.5	0.048
lab*nce	0.0	0.5	0.15

relative Inform. Technology (IT)			
olvi3*	0.0	0.0	0.0
olvi3*	1.0	1.0	1.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0
LAB*LAB	18.02	0.0	-0.47
LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0

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	0.0
lab*nce	0.0	0.0	-

$n^* = 0.00$

blackness n^*

chromaticness c^*

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 40/360 = 0.111$

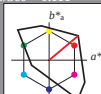
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 51 100 40

olvi*Ma: 1.0 0.0 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 158$

% Regularity

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

relative Inform. Technology (IT)			
olvi3*	1.0	1.0	1.0
olvi3*	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0

relative CIELAB lab*			
lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	1.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	0.0
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	0.5	0.5	0.5
olvi3*	0.0	0.5	0.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	1.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	1.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

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	0.0
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	0.5	0.0	0.0
olvi3*	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	1.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	1.0	0.0
LAB*LAB	25.26	38.45	32.27
LAB*LAB	25.26	38.45	32.27
LAB*LAB	25.26	38.45	32.27

relative CIELAB lab*			
lab*lab	0.265	0.383	0.321
lab*tch	0.25	0.5	0.111
lab*nch	0.0	0.5	0.111
relative Natural Colour (NC)			
lab*lrj	0.265	0.471	0.167
lab*tce	0.25	0.5	0.054
lab*nce	0.0	0.5	0.121

relative Inform. Technology (IT)			
olvi3*	0.0	0.0	0.0
olvi3*	1.0	1.0	1.0
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0
olvi5*	1.0	1.0	1.0
olvi5*	0.0	0.0	0.0
LAB*LAB	0.03	0.0	0.0
LAB*LAB	0.03	0.0	0.0
LAB*LAB	0.03	0.0	0.0

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	0.0
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)			
olvi3*	1.0	0.5	0.5
olvi3*	0.0	0.5	0.0
olvi4*	1.0	0.5	0.5
olvi4*	0.0	0.5	0.0
olvi5*	1.0	0.5	0.5
olvi5*	0.0	0.5	0.0
LAB*LAB	72.95	38.45	32.27
LAB*LAB	72.95	38.45	32.27
LAB*LAB	72.95	38.45	32.27

relative CIELAB lab*			
lab*lab	0.765	0.383	0.321
lab*tch	0.75	0.5	0.111
lab*nch	0.0	0.5	0.111
relative Natural Colour (NC)			
lab*lrj	0.765	0.471	0.167
lab*tce	0.75	0.5	0.054
lab*nce	0.0	0.5	0.121

relative Inform. Technology (IT)			
olvi3*	0.5	0.0	0.0
cmyn3*	0.5	1.0	1.0
olvi4*	1.0	0.5	0.5
cmyn4*	0.0	0.5	0.5
standard and adapted CIELAB			
LAB*LAB	25.26	38.45	32.27
LAB*LABa	25.26	38.45	32.27
LAB*TCRa	25.01	50.2	40.0