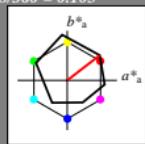


Input: Colorimetric Offset Reflective System ORS18

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^*



ORS18; adapted (a) CIELAB data

	L^* - L_{Ma}	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.39	-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
R _{cie}	39.82	56.66	26.98	64.57	25
J _{cie}	81.26	-2.16	67.76	67.79	92
G _{cie}	52.23	-42.45	11.76	43.87	164
B _{cie}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)
 $olv^*i = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olv^*d = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $cmyw^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 95.41 \ 0.0 \ 0.0$
 $LAB^*LAb = 54.41 \ 0.0 \ 0.0$
 $LAB^*TCh = 99.99 \ 0.01 \ -$

relative CIELAB lab*

$lab^*lab = 1.0 \ 0.0 \ 0.0$

$lab^*tch = 0.0 \ 0.0 \ -$

$lab^*nch = 0.0 \ 0.0 \ -$

relative Natural Colour (NC)

$lab^*lri = 1.0 \ 0.0 \ 0.0$

$lab^*tce = 1.0 \ 0.0 \ 0.0$

$lab^*mcE = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv^*i = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olv^*d = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $cmyw^* = 0.0 \ 0.0 \ 0.5 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 56.71 \ -0.24 \ 2.14$

$LAB^*LAb = 56.71 \ 0.0 \ 0.0$

$LAB^*TCh = 50.0 \ 0.01 \ -$

relative CIELAB lab*

$lab^*lab = 1.0 \ 0.0 \ 0.0$

$lab^*tch = 0.5 \ 0.0 \ -$

$lab^*nch = 0.5 \ 0.0 \ -$

relative Natural Colour (NC)

$lab^*lri = 0.5 \ 0.0 \ 0.0$

$lab^*tce = 0.5 \ 0.0 \ 0.0$

$lab^*mcE = 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv^*i = 0.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn^* = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olv^*d = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $cmyw^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 18.02 \ 0.5 \ -0.47$

$LAB^*LAb = 18.02 \ 0.0 \ 0.0$

$LAB^*TCh = 0.0 \ 0.01 \ -$

relative CIELAB lab*

$lab^*lab = 0.0 \ 0.0 \ 0.0$

$lab^*tch = 0.0 \ 0.0 \ -$

$lab^*nch = 1.0 \ 0.0 \ -$

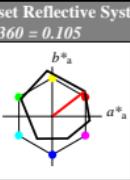
relative Natural Colour (NC)

$lab^*lri = 0.0 \ 0.0 \ 0.0$

$lab^*tce = 0.0 \ 0.0 \ 0.0$

$lab^*mcE = 1.0 \ 0.0 \ -$

$n^* = 1.0$



ORS18; adapted (a) CIELAB data

	L^* - L_{Ma}	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.39	-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
R _{cie}	39.82	56.66	26.98	64.57	25
J _{cie}	81.26	-2.16	67.76	67.79	92
G _{cie}	52.23	-42.45	11.76	43.87	164
B _{cie}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)

$olv^*i = 1.0 \ 1.0 \ 1.0 \ (1.0)$

$cmyn^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

$olv^*d = 1.0 \ 1.0 \ 1.0 \ (0.0)$

$cmyw^* = 0.0 \ 0.0 \ 0.5 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 95.41 \ 0.0 \ 0.0$

$LAB^*LAb = 54.41 \ 0.0 \ 0.0$

$LAB^*TCh = 99.99 \ 0.01 \ -$

relative CIELAB lab*

$lab^*lab = 1.0 \ 0.0 \ 0.0$

$lab^*tch = 0.0 \ 0.0 \ -$

$lab^*nch = 0.0 \ 0.0 \ -$

relative Natural Colour (NC)

$lab^*lri = 1.0 \ 0.0 \ 0.0$

$lab^*tce = 1.0 \ 0.0 \ 0.0$

$lab^*mcE = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)

$olv^*i = 0.5 \ 0.5 \ 0.5 \ (1.0)$

$cmyn^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$

$olv^*d = 1.0 \ 1.0 \ 1.0 \ (0.0)$

$cmyw^* = 0.0 \ 0.0 \ 0.5 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 56.71 \ 32.15 \ 28.41$

$LAB^*LAb = 56.71 \ 32.69 \ 25.25$

$LAB^*TCh = 51.31 \ 37.69$

relative CIELAB lab*

$lab^*lab = 0.99 \ 0.396 \ 0.306$

$lab^*tch = 0.25 \ 0.5 \ 0.105$

$lab^*nch = 0.0 \ 0.5 \ 0.105$

relative Natural Colour (NC)

$lab^*lri = 0.193 \ 0.477 \ 0.15$

$lab^*tce = 0.25 \ 0.5 \ 0.048$

$lab^*mcE = 0.5 \ 0.5 \ r19j$

$n^* = 0.0$



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