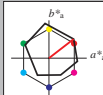


Input: Colorimetric Offset Reflective System ORS18

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

A: hue O
 LCH*Ma: 48 83 38
 olv*Ma: 1.0 0.0 0.0

triangle lightness l^*



%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{C_{rel}} = 57$
 $g^*_{C_{col}} = 59$

ORS18; adapted (a) CIELAB data

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 47.94	65.39	50.52	82.63	38
YMa 90.37	-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
RCIE 39.92	58.66	26.98	64.57	25
JCIE 81.26	-2.16	67.76	67.79	92
GCIE 52.23	-42.25	11.76	43.87	164
BCIE 30.57	1.15	-46.84	46.86	271

standard and adapted CIELAB

LAB^*LAB	LAB^*LaB_a	LAB^*TCHa
95.41	0.0	0.0
95.41	0.0	0.0
99.99	0.01	-

relative CIELAB lab*

lab^*lab	lab^*tch	lab^*nch
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

relative Natural Colour (NC)

lab^*lrv	lab^*tce	lab^*nce
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

Output: Colorimetric Television Luminous System TLS00

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

A: hue O
 LCH*Ma: 51 100 40
 olv*Ma: 1.0 0.0 0.0

triangle lightness l^*



%Gamut
 $u^*_{rel} = 158$
 %Regularity
 $g^*_{C_{rel}} = 20$
 $g^*_{C_{col}} = 37$

TLS00; adapted (a) CIELAB data

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 50.5	76.92	64.55	100.42	40
YMa 92.66	-20.69	90.75	93.08	103
LMa 83.63	-82.75	79.9	115.04	136
CMa 86.88	-46.16	-13.55	48.12	196
VMa 30.39	76.06	-103.59	128.52	306
MMa 57.3	94.35	-58.41	110.97	328
NMa 0.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIE 81.26	-2.88	71.56	71.62	92
GCIE 52.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

relative Inform. Technology (IT)

$olvi3^*$	1.0	1.0	1.0
$cmyn3^*$	0.0	0.0	0.0
$olvi4^*$	1.0	1.0	1.0
$cmyn4^*$	0.0	0.0	0.0

standard and adapted CIELAB

LAB^*LAB	LAB^*LaB_a	LAB^*TCHa
95.41	0.0	0.0
95.41	0.0	0.0
99.99	0.01	-

relative CIELAB lab*

lab^*lab	lab^*tch	lab^*nch
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

relative Natural Colour (NC)

lab^*lrv	lab^*tce	lab^*nce
1.0	0.0	0.0
1.0	0.0	-
0.0	0.0	-

relative Inform. Technology (IT)

$olvi3^*$	1.0	0.5	0.5
$cmyn3^*$	0.0	0.5	0.5
$olvi4^*$	1.0	0.5	1.0
$cmyn4^*$	0.0	0.5	0.5

standard and adapted CIELAB

LAB^*LAB	LAB^*LaB_a	LAB^*TCHa
72.95	38.45	32.27
72.95	38.45	32.27
75.0	50.2	40.0

relative CIELAB lab*

lab^*lab	lab^*tch	lab^*nch
0.765	0.383	0.321
0.75	0.5	0.111
0.5	0.5	0.111

relative Natural Colour (NC)

lab^*lrv	lab^*tce	lab^*nce
0.765	0.471	0.167
0.75	0.5	0.054
0.5	0.5	0.121

relative Inform. Technology (IT)

$olvi3^*$	1.0	0.0	0.0
$cmyn3^*$	0.0	1.0	1.0
$olvi4^*$	1.0	0.0	1.0
$cmyn4^*$	0.0	1.0	0.0

standard and adapted CIELAB

LAB^*LAB	LAB^*LaB_a	LAB^*TCHa
50.5	76.9	64.54
50.5	76.9	64.54
50.0	100.4	40.0

relative CIELAB lab*

lab^*lab	lab^*tch	lab^*nch
0.529	0.766	0.643
0.5	1.0	0.111
0.0	1.0	0.111

relative Natural Colour (NC)

lab^*lrv	lab^*tce	lab^*nce
0.529	0.942	0.335
0.5	1.0	0.054
0.0	1.0	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	1.0
$cmyn4^*$	0.0	0.5	0.5

standard and adapted CIELAB

LAB^*LAB	LAB^*LaB_a	LAB^*TCHa
25.25	38.45	32.27
25.25	38.45	32.27
25.01	50.2	40.0

relative CIELAB lab*

lab^*lab	lab^*tch	lab^*nch
0.265	0.383	0.321
0.25	0.5	0.111
0.5	0.5	0.111

relative Natural Colour (NC)

lab^*lrv	lab^*tce	lab^*nce
0.265	0.471	0.167
0.25	0.5	0.054
0.5	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	1.0
$cmyn4^*$	0.0	0.5	0.5

standard and adapted CIELAB

LAB^*LAB	LAB^*LaB_a	LAB^*TCHa
25.25	38.45	32.27
25.25	38.45	32.27
25.01	50.2	40.0

relative CIELAB lab*

lab^*lab	lab^*tch	lab^*nch
0.265	0.383	0.321
0.25	0.5	0.111
0.5	0.5	0.111

relative Natural Colour (NC)

lab^*lrv	lab^*tce	lab^*nce
0.265	0.471	0.167
0.25	0.5	0.054
0.5	0.5	0.121

relative Inform. Technology (IT)

$olvi3^*$	0.0	0.0	0.0
$cmyn3^*$	1.0	1.0	1.0
$olvi4^*$	1.0	1.0	1.0
$cmyn4^*$	1.0	1.0	1.0

standard and adapted CIELAB

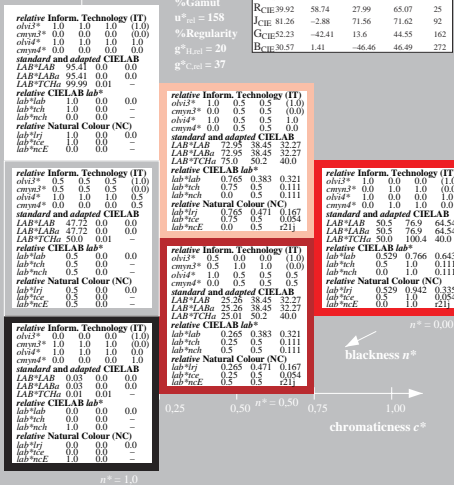
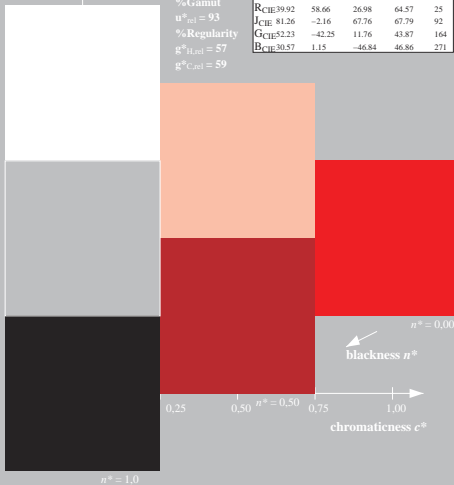
LAB^*LAB	LAB^*LaB_a	LAB^*TCHa
0.03	0.0	0.0
0.03	0.0	0.0
0.01	0.01	-

relative CIELAB lab*

lab^*lab	lab^*tch	lab^*nch
0.0	0.0	0.0
1.0	0.0	-
1.0	0.0	-

relative Natural Colour (NC)

lab^*lrv	lab^*tce	lab^*nce
0.0	0.0	0.0
0.0	0.0	-
1.0	0.0	-



See for similar files: <http://www.ps.bam.de/SE00/>
 Technical information: <http://www.ps.bam.de/>
 Version 2.1, io=0.0, CIELAB

BAM registration: 20060101-SE00/10Q/Q00E00F1.PS/.TXT
 application for evaluation and measurement of printer or monitor systems
 BAM material: code=ha4ta
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