

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 l^*



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

ORS18; adapted (a) CIELAB data

	L^*_{ab}	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.23	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

standard and adapted CIELAB
 LAB^*LAB 95.41 0.0 0.0
 LAB^*LAb_a 95.41 0.0 0.0
 LAB^*TCh_a 99.99 0.01 -

relative CIELAB lab*
 lab^*lab 1.0 0.0 0.0
 lab^*tch 1.0 0.0 -
 lab^*nch 0.0 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)
 $olv3^*$ 0.5 0.5 0.5 (1.0)
 $cmyn3^*$ 0.0 0.0 0.0 (0.0)
 $olv4^*$ 1.0 1.0 1.0 0.5
 $cmyn4^*$ 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB^*LAB 47.72 0.0 0.0
 LAB^*LAb_a 47.72 0.0 0.0
 LAB^*TCh_a 50.0 0.01 -

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*tch 0.5 0.0 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 0.5 0.0 -

relative Inform. Technology (IT)
 $olv3^*$ 0.0 0.0 0.0 (1.0)
 $cmyn3^*$ 1.0 1.0 1.0 (0.0)
 $olv4^*$ 1.0 1.0 1.0 0.0
 $cmyn4^*$ 0.0 0.0 0.0 1.0
standard and adapted CIELAB
 LAB^*LAB 0.03 0.0 0.0
 LAB^*LAb_a 0.03 0.0 0.0
 LAB^*TCh_a 0.01 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^*lrj 0.0 0.0 0.0
 lab^*tce 0.0 0.0 0.0
 lab^*nce 1.0 0.0 -

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
 olv*Ma: 1.0 0.0 0.0

triangle lightness l^*



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

TLS00; adapted (a) CIELAB data

	L^*_{ab}	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

standard and adapted CIELAB
 LAB^*LAB 95.41 0.0 0.0
 LAB^*LAb_a 95.41 0.0 0.0
 LAB^*TCh_a 99.99 0.01 -

relative Inform. Technology (IT)
 $olv3^*$ 1.0 0.5 0.5 (1.0)
 $cmyn3^*$ 0.0 0.5 0.5 (0.0)
 $olv4^*$ 1.0 0.0 0.0 0.5
 $cmyn4^*$ 0.0 0.5 0.5 0.0
standard and adapted CIELAB
 LAB^*LAB 72.95 38.45 32.27
 LAB^*LAb_a 72.95 38.45 32.27
 LAB^*TCh_a 75.0 50.2 40.0

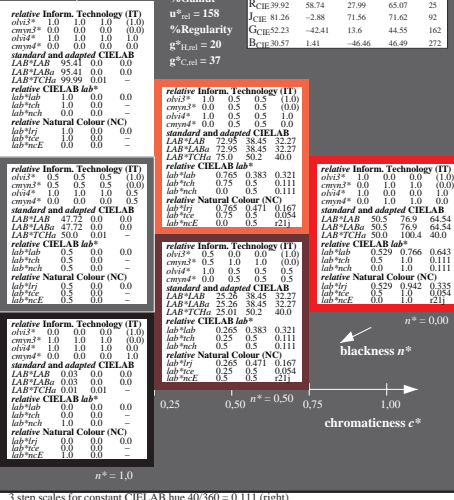
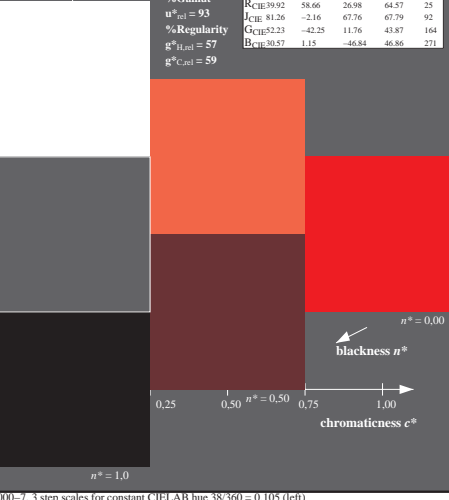
relative CIELAB lab*
 lab^*lab 0.765 0.383 0.321
 lab^*tch 0.75 0.5 0.111
 lab^*nch 0.5 0.5 0.111
relative Natural Colour (NC)
 lab^*lrj 0.765 0.471 0.167
 lab^*tce 0.75 0.5 0.054
 lab^*nce 0.0 0.5 0.211

relative Inform. Technology (IT)
 $olv3^*$ 0.5 0.0 0.0 (1.0)
 $cmyn3^*$ 0.5 1.0 1.0 (0.0)
 $olv4^*$ 1.0 0.5 0.5 0.5
 $cmyn4^*$ 0.0 0.5 0.5 0.5
standard and adapted CIELAB
 LAB^*LAB 25.25 38.45 32.27
 LAB^*LAb_a 25.25 38.45 32.27
 LAB^*TCh_a 25.01 50.2 40.0

relative CIELAB lab*
 lab^*lab 0.265 0.383 0.321
 lab^*tch 0.25 0.5 0.111
 lab^*nch 0.5 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 0.5 0.5 0.211

relative Inform. Technology (IT)
 $olv3^*$ 0.0 0.0 0.0 (1.0)
 $cmyn3^*$ 1.0 1.0 1.0 (0.0)
 $olv4^*$ 1.0 1.0 1.0 0.0
 $cmyn4^*$ 0.0 0.0 0.0 1.0
standard and adapted CIELAB
 LAB^*LAB 0.03 0.0 0.0
 LAB^*LAb_a 0.03 0.0 0.0
 LAB^*TCh_a 0.01 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^*lrj 0.0 0.0 0.0
 lab^*tce 0.0 0.0 0.0
 lab^*nce 1.0 0.0 -



See for similar files: <http://www.ps.bam.de/OE00/>
 Technical information: <http://www.ps.bam.de> Version 2.1, io=0.0, CIELAB

BAM registration: 20060101-OE00/10S/S00E00F1.PS/ TXT
 application for evaluation and measurement of printer or monitor systems

BAM material: code=th4ta
 OE00 Form: 110 Series: 11 Page: 1 Page count: 1