www.ps.bam.de/RE50/L50E00F1.PS/.TXT; linearized output
F: Output Representation (OL) data RE50/L50E00F1.DAT in File (F)

See for similar files: http://www.ps.bam.de/RE50/
Technical information: http://www.ps.bam.de Version 2.1, io=1.1, CIELAB

BAM registration: 20060101-RE50/L50E00F1.PS/.TXT
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta
Page: cover 1 Date: 2006-01-06, Scan: 0.1, Dpi: 1

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 t^*

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	54.3	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

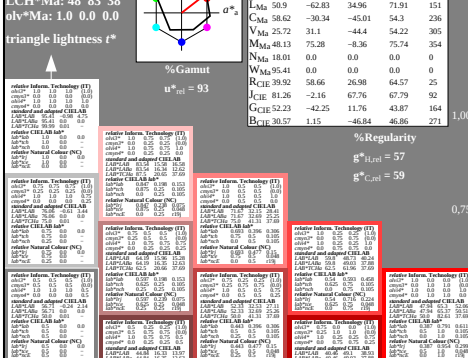
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

1,00
0,75
0,25
0,00

n^* = 0,25 n^* = 0,50 n^* = 1.0 n^* = 0,00

blackness n^*

0,25 0,50 0,75 1,00
chromaticness c^*



RE50−7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

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 t^*

TLS00; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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

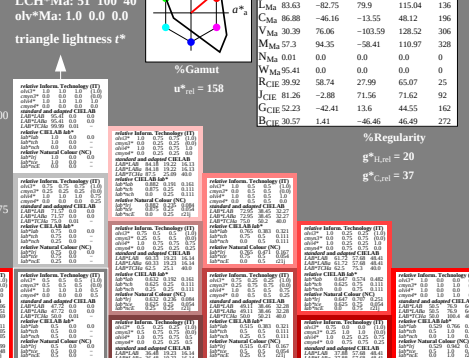
%Regularity
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37

1,00
0,75
0,25
0,00

n^* = 0,25 n^* = 0,50 n^* = 1.0 n^* = 0,00

blackness n^*

0,25 0,50 0,75 1,00
chromaticness c^*



5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

BAM-test chart RE50; Colorimetric systems ORS18 & TLS00
A: 2 coordinate data of 5 step colour scales for 10 hues

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*