www.ps.bam.de/RE50/L50E00N1.PS/.TXT; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

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

BAM registration: 20060101-RE50/L50E00N1.PS/.TXT
application for evaluation and measurement of printer or monitor systems

BAM material: code=tha4ta

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.106$
lab^*tch and lab^*nch

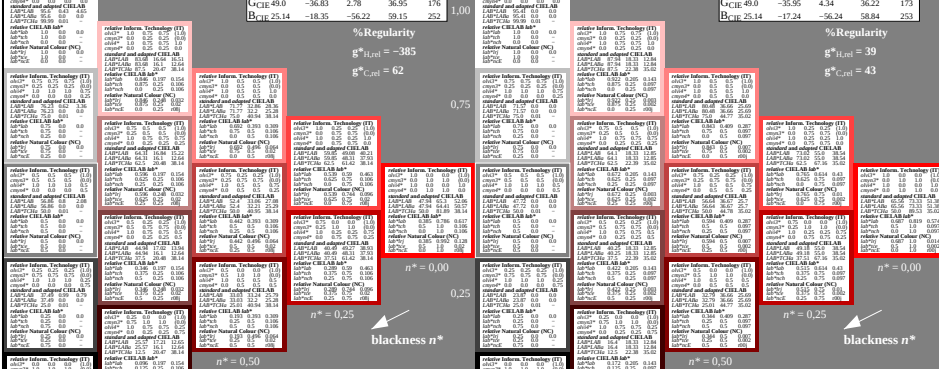
A: hue O
LCH*Ma: 48 82 38
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 96$

ORS18; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma} 47.94	64.42	54.58	81.9	38
P_{Ma} 92.62	2.41	86.36	86.39	88
L_{Ma} 50.9	−63.82	35.02	72.81	151
C_{Ma} 51.25	−53.68	−57.69	78.82	227
Y_{Ma} 25.72	30.34	−44.37	53.76	304
M_{Ma} 56.25	70.59	7.57	70.99	6
N_{Ma} 18.11	0.0	0.0	0.0	0
W_{Ma}95.6	0.0	0.0	0.0	0
R_{CIE} 47.79	60.85	41.08	73.41	34
J_{CIE} 83.82	6.52	66.9	67.22	84
G_{CIE} 49.0	−36.83	2.78	36.95	176
B_{CIE} 25.14	−18.35	−56.22	59.15	252



RE50~7, 5 step scales for constant CIELAB hue 38/360 = 0.106 (left)

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 35/360 = 0.097$
lab^*tch and lab^*nch

A: hue O
LCH*Ma: 66 90 35
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*

%Gamut

$u^*_{rel} = 141$

TLS00; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma} 65.56	73.34	51.39	89.55	35
P_{Ma} 94.78	−3.49	52.24	52.36	94
L_{Ma} 77.48	−92.97	36.0	99.71	159
C_{Ma} 78.36	−82.69	−22.74	85.77	195
Y_{Ma} 12.55	38.81	−114.81	121.2	289
M_{Ma} 66.71	76.08	−29.8	81.71	339
N_{Ma} 0.01	0.0	0.0	0.0	0
W_{Ma}95.41	0.0	0.0	0.0	0
R_{CIE} 47.79	61.74	42.56	74.99	35
J_{CIE} 83.82	7.06	70.78	71.13	84
G_{CIE} 49.0	−35.95	4.34	36.22	173
B_{CIE} 25.14	−17.24	−56.24	58.84	253

5 step scales for constant CIELAB hue 35/360 = 0.097 (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: *no change compared to input*