See for similar files: http://www.ps.bam.de/OE53/
Technical information: http://www.ps.bam.de

BAM registration: 20060101-OE53/10S/S53E00F1.PS/.TXT
application for evaluation and measurement of printer or monitor systems

BAM material: code=tha4ta
OE53, Version=1.06, Seite=1.1, Bogen=1 Page: count 1

Input: Colorimetric Television Luminous System TLS00

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

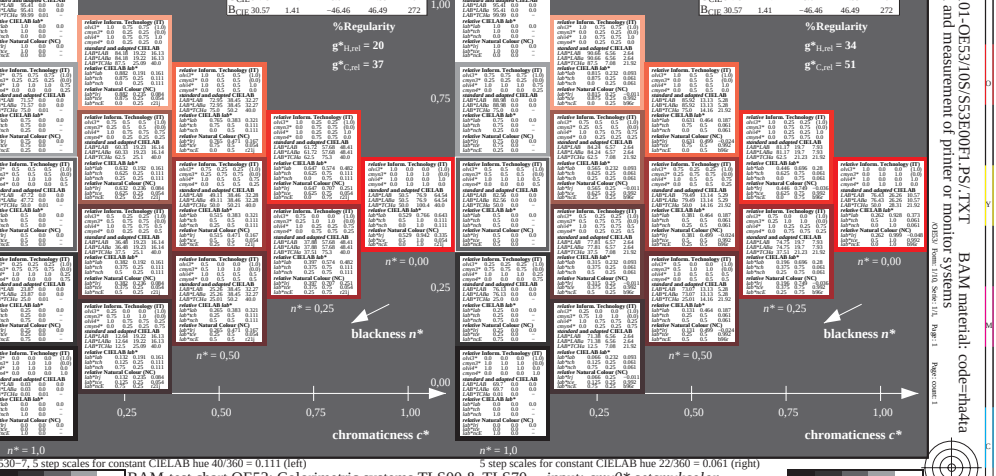
D65: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*

%Gamut
$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma} 50.4	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	54.35	−58.41	79.87	228	
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
$g^*_{H,rel} = 20$
$g^*_{C,rel} = 37$



Output: Colorimetric Television Luminous System TLS70

for hue $h^* = lab^*h = 22/360 = 0.061$
lab^*tch and lab^*nch

D65: hue O
LCH*Ma: 76 28 22
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*

%Gamut
$u^*_{rel} = 16$

TLS70; adapted (a) CIELAB data	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma} 76.43	26.27	10.57	28.32	22	
Y_{Ma} 93.93	−10.76	34.63	36.27	107	
L_{Ma} 89.32	−35.8	27.64	45.24	142	
C_{Ma} 90.93	−21.95	−7.07	23.07	198	
V_{Ma} 72.1	15.76	−35.63	38.97	294	
M_{Ma} 78.5	27.52	−25.23	42.22	326	
N_{Ma} 69.7	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
$g^*_{H,rel} = 34$
$g^*_{C,rel} = 51$

OE53-7, 5 step scales for constant CIELAB hue 40/360 = 0.111 (left)

5 step scales for constant CIELAB hue 22/360 = 0.061 (right)

BAM-test chart OE53; Colorimetric systems TLS00 & TLS70
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: *cmy0* setcmykcolor*
output: *cmy0* / 000n* setcmykcolor*