



BAM registration: 20060101-OE45/10L/L45E08FP.PS/PDF BAM material: code=rha4ta
application for evaluation and measurement of printer or monitor Systems
(OE45) Form 9/10 Series: 1/1 Page: 9 Page: cont: 9

See for similar files: <http://www.ps.bam.de/O>
Technical information: <http://www.ps.bam.de>

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V6

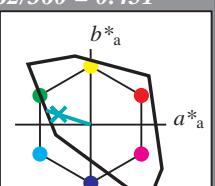
A
B

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 162/360 = 0.451$
 lab^*tch and lab^*nch

D65: hue G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65

triangle lightness

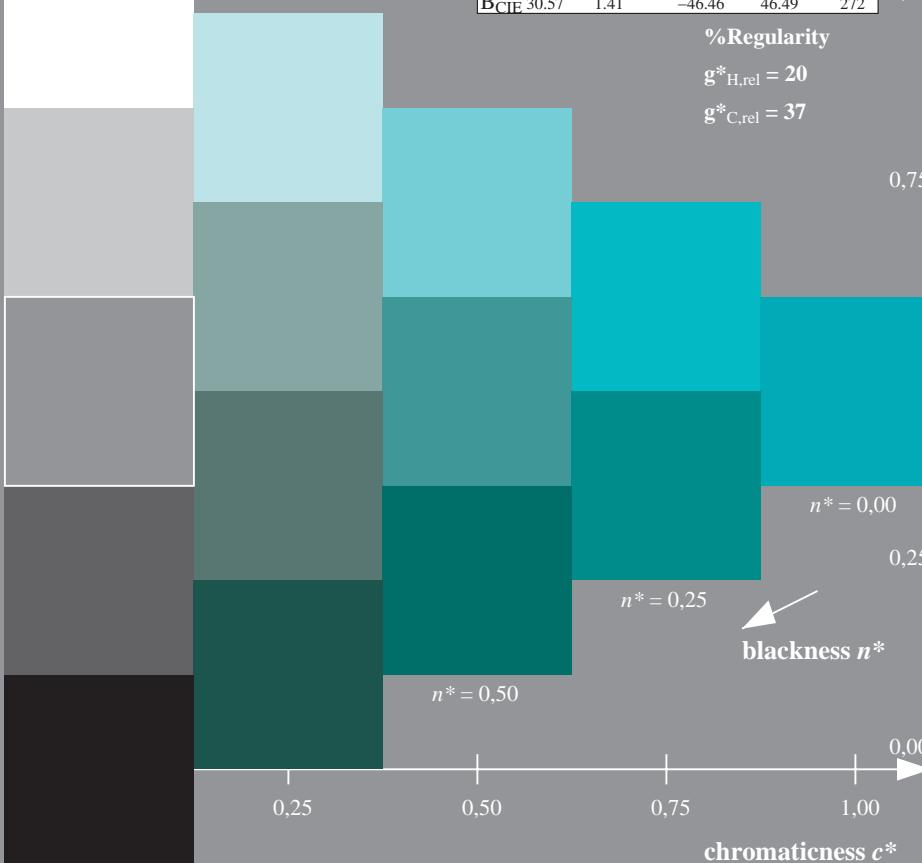


TLS00; adapted (a) CIELAB data					
$L^* = L_a^*$	a^*_a	b^*_a	$C_{ab,a}^*$	$h_{ab,a}^*$	
O _{Ma} 50.5	76.92	64.55	100.42	40	
Y _{Ma} 92.66	-20.69	90.75	93.08	103	
L _{Ma} 83.63	-82.75	79.9	115.04	136	
C _{Ma} 86.88	-46.16	-13.55	48.12	196	
V _{Ma} 30.39	76.06	-103.59	128.52	306	
M _{Ma} 57.3	94.35	-58.41	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

$$g^*_{\text{H,rel}} = 20$$

$g^*_{C,\text{rel}} = 37$



OE450-7, 5 step scales for constant CIE1976 hue 162/360 = 0.451 (left)

BAM-test chart OE45; Colorimetric systems TLS00 & ORS D65; 5 step colour scales and coordinate data for 10 hues

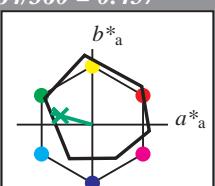
Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 164/360 = 0.457$

D65: hue G

LCH*Ma: 53 57 164
poly*Ma: 0.0 1.0 0.25

triangle lightness

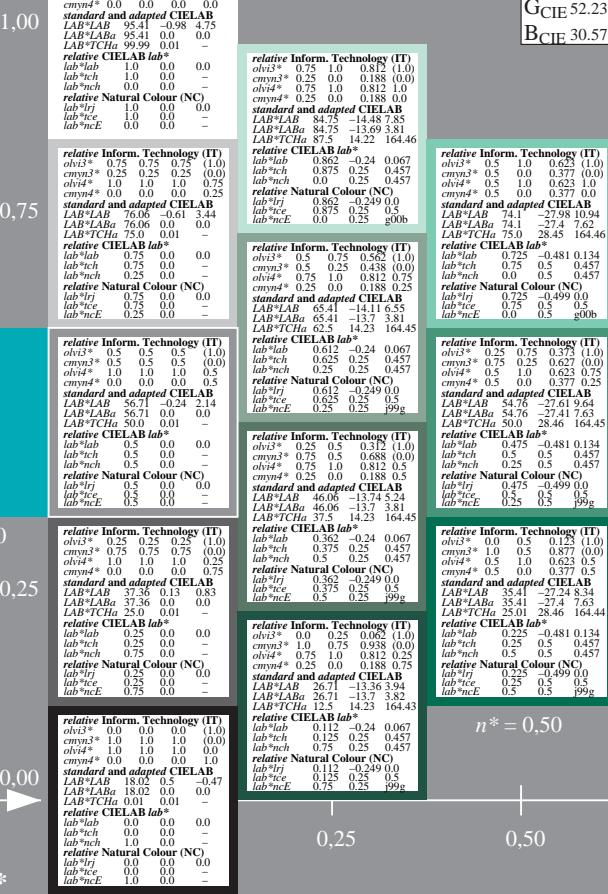


ORS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	$a^* = a^*_a$	$b^* = b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-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

$$g^*_{\text{H,rel}} = 57$$

$$g^*_{\text{C,rel}} = 59$$



5 step cycles for constant CIELAB hue 164/360 = 0.457 (right)

ORIS18 input: *cmy0** *setcmykcolor*
es output: *cmy0*/000n** *setcmykcolor*

