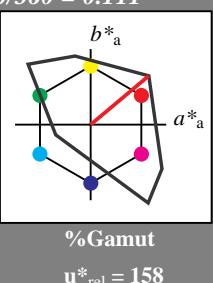
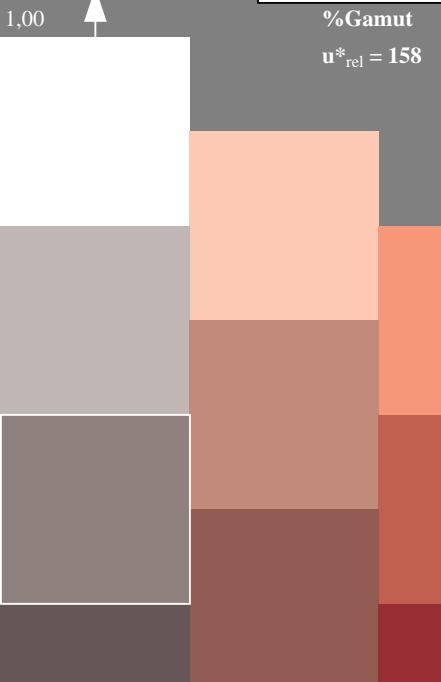


Input: Colorimetric Television Luminous System TLS00
for hue $h^* = lab^*h = 40/360 = 0.111$
 lab^*tch and lab^*nch

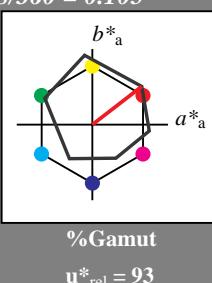
D65: hue O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0
triangle lightness



	$L^*=L^*_a$	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

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$ **Output: Colorimetric Offset Reflective System ORS18**for hue $h^* = lab^*h = 38/360 = 0.105$ lab^*tch and lab^*nch 

	$L^*=L^*_a$	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}	0.0	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

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

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
n* = 0,00	0.50	0.50	0.50	0.50	0.50
n* = 0,25	0.75	0.75	0.75	0.75	0.75
n* = 0,50	0.50	0.50	0.50	0.50	0.50
n* = 0,75	0.25	0.25	0.25	0.25	0.25
n* = 1,00	0.00	0.00	0.00	0.00	0.00

chromaticness c^*

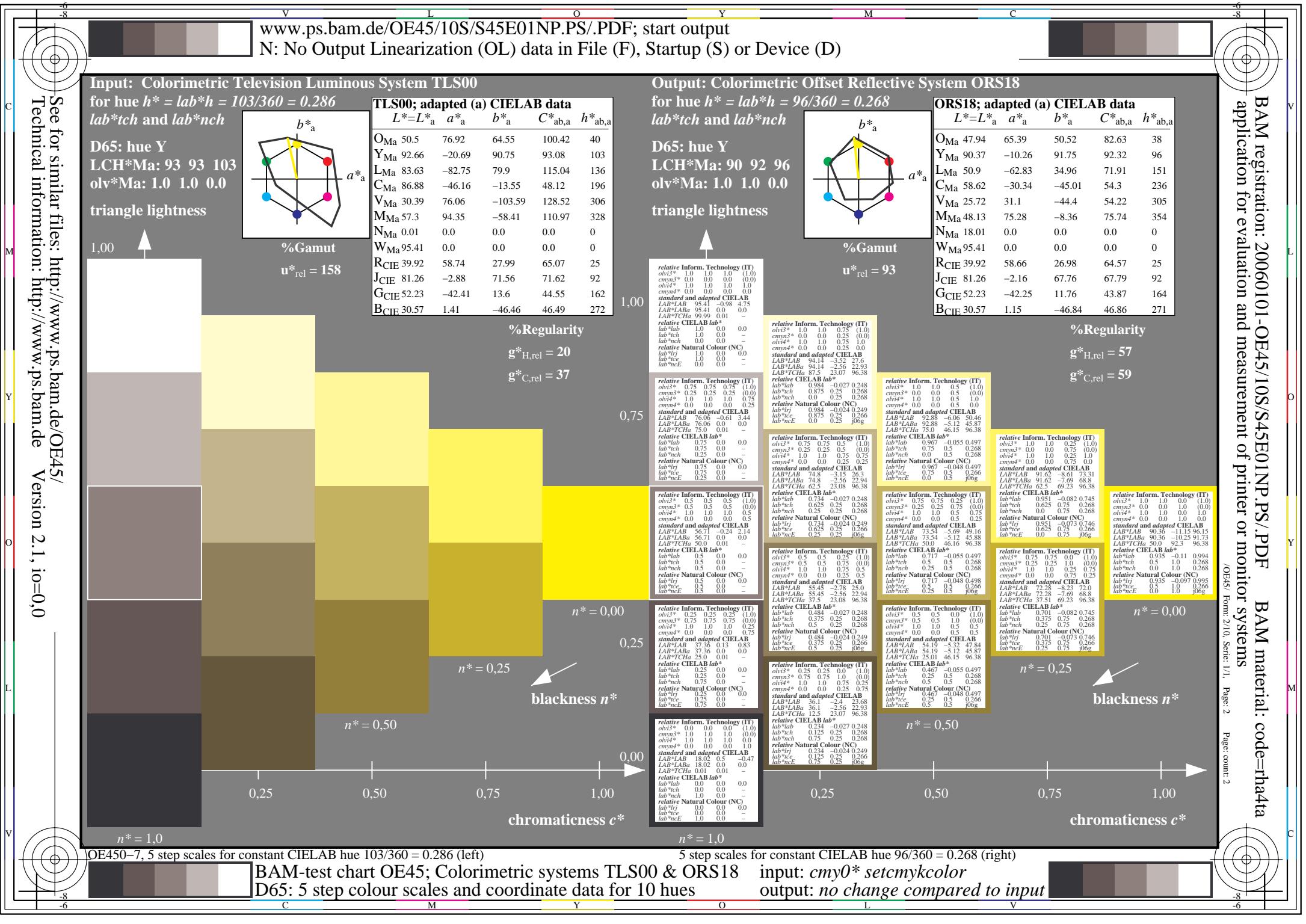
n* = 1,0

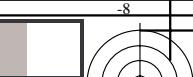
OE450-7, 5 step scales for constant CIELAB hue 40/360 = 0.111 (left)

5 step scales for constant CIELAB hue 38/360 = 0.105 (right)

BAM-test chart OE45; Colorimetric systems TLS00 & ORS18
D65: 5 step colour scales and coordinate data for 10 huesinput: $cmy0^*$ setcmykcolor
output: no change compared to input

BAM registration: 20060101-OE45/10S/S45E00NP.PS/.PDF
application for evaluation and measurement of printer or monitor systems
/OE45/ Form: 1/1, Serie: 1/1, Page: 1
Page: count: 1





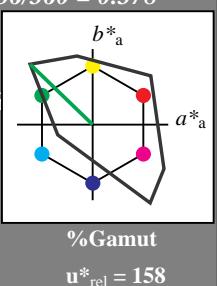
Input: Colorimetric Television Luminous System TLS00
for hue $h^* = lab^*h = 136/360 = 0.378$
 lab^*tch and lab^*nch

D65: hue L

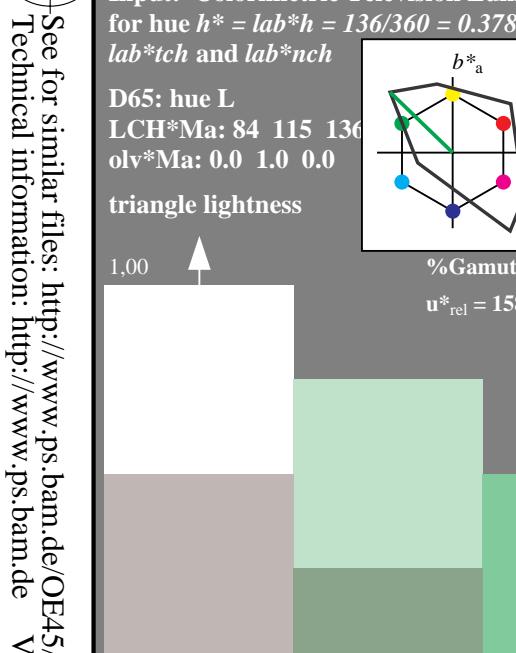
LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

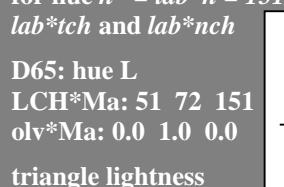
triangle lightness



	$L^*=L^*_a$	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

Technical information: <http://www.ps.bam.de/OE45/>

Output: Colorimetric Offset Reflective System ORS18
for hue $h^* = lab^*h = 151/360 = 0.419$



	$L^*=L^*_a$	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

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
relative Inform. Technology (IT) olv3* 1.0 1.0 1.0 (1.0)	olv3* 1.0 1.0 1.0 (0.0)	cmy3* 0.5 0.5 0.5 (0.0)			
olv4* 1.0 1.0 1.0	olv4* 1.0 1.0 1.0	cmy4* 0.0 0.0 0.0			
standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
LAB*LAB 84.28 15.95 87.74	LAB*LAB 84.28 15.95 87.74	LAB*LAB 84.28 15.95 87.74	LAB*LAB 84.28 15.95 87.74	LAB*LAB 84.28 15.95 87.74	LAB*LAB 84.28 15.95 87.74
LAB*TCh _a 95.41 0.0 0.0	LAB*TCh _a 95.41 0.0 0.0	LAB*TCh _a 95.41 0.0 0.0	LAB*TCh _a 95.41 0.0 0.0	LAB*TCh _a 95.41 0.0 0.0	LAB*TCh _a 95.41 0.0 0.0
LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
relative Inform. Technology (IT) olv3* 1.0 1.0 1.0 (1.0)	olv3* 1.0 1.0 1.0 (0.0)	cmy3* 0.5 0.5 0.5 (0.0)			
olv4* 1.0 1.0 1.0	olv4* 1.0 1.0 1.0	cmy4* 0.0 0.0 0.0			
standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
LAB*LAB 87.74 15.95 87.74	LAB*LAB 87.74 15.95 87.74	LAB*LAB 87.74 15.95 87.74	LAB*LAB 87.74 15.95 87.74	LAB*LAB 87.74 15.95 87.74	LAB*LAB 87.74 15.95 87.74
LAB*TCh _a 97.85 1.79 150.91	LAB*TCh _a 97.85 1.79 150.91	LAB*TCh _a 97.85 1.79 150.91	LAB*TCh _a 97.85 1.79 150.91	LAB*TCh _a 97.85 1.79 150.91	LAB*TCh _a 97.85 1.79 150.91
LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01	LAB*TCh _b 99.99 0.01

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
relative Inform. Technology (IT) olv3* 0.5 0.5 0.5 (1.0)	olv3* 0.5 0.5 0.5 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0	olv4* 1.0 1.0 1.0	cmy4* 0.0 0.0 0.0			
standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44	LAB*LAB 76.06 -0.61 3.44	LAB*LAB 76.06 -0.61 3.44	LAB*LAB 76.06 -0.61 3.44	LAB*LAB 76.06 -0.61 3.44	LAB*LAB 76.06 -0.61 3.44
LAB*TCh _a 75.50 0.01	LAB*TCh _a 75.50 0.01	LAB*TCh _a 75.50 0.01	LAB*TCh _a 75.50 0.01	LAB*TCh _a 75.50 0.01	LAB*TCh _a 75.50 0.01
LAB*TCh _b 75.00	LAB*TCh _b 75.00	LAB*TCh _b 75.00	LAB*TCh _b 75.00	LAB*TCh _b 75.00	LAB*TCh _b 75.00

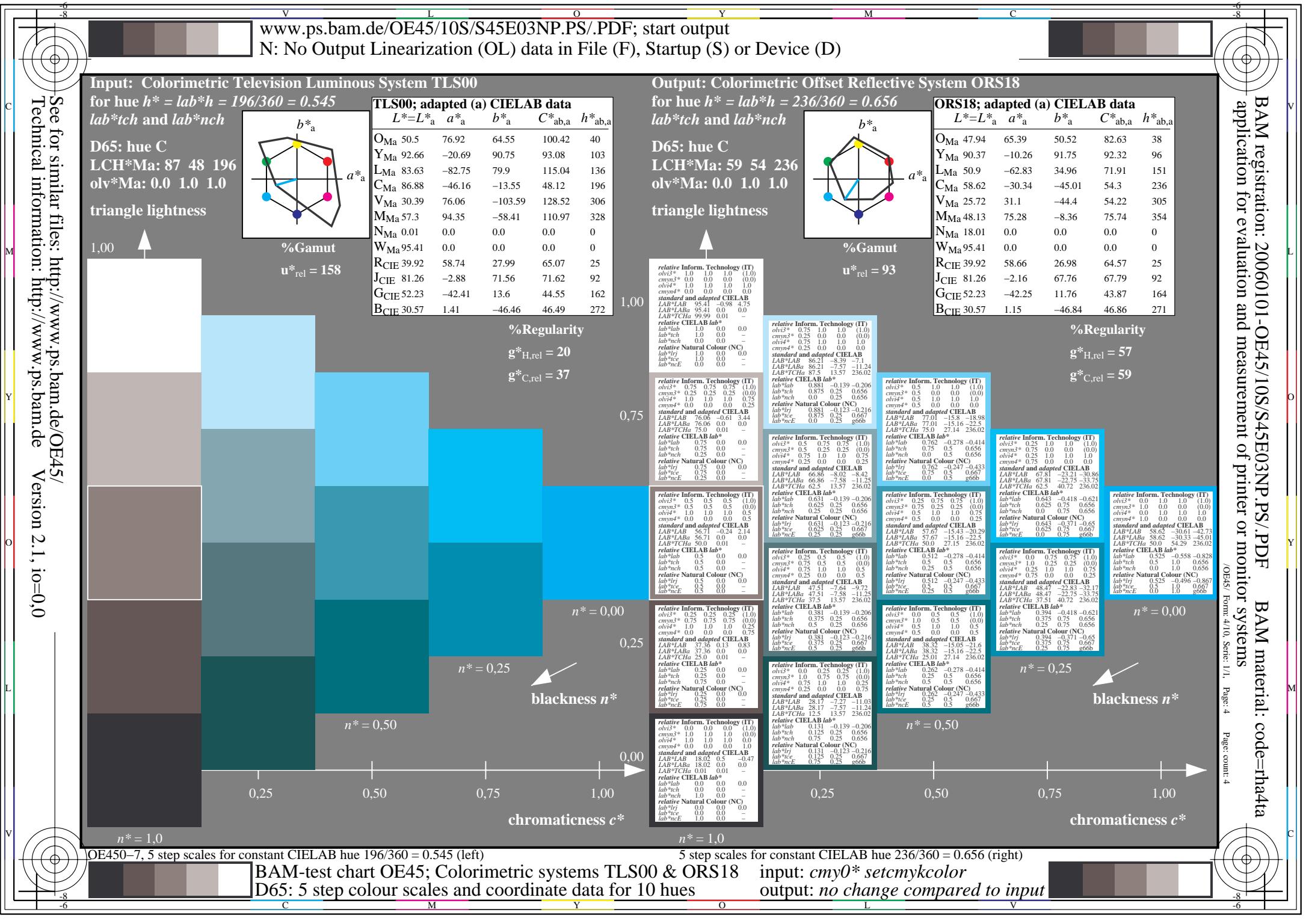
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
relative Inform. Technology (IT) olv3* 0.5 0.5 0.5 (1.0)	olv3* 0.5 0.5 0.5 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0	olv4* 1.0 1.0 1.0	cmy4* 0.0 0.0 0.0			
standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
LAB*LAB 67.06 -0.61 3.44	LAB*LAB 67.06 -0.61 3.44	LAB*LAB 67.06 -0.61 3.44	LAB*LAB 67.06 -0.61 3.44	LAB*LAB 67.06 -0.61 3.44	LAB*LAB 67.06 -0.61 3.44
LAB*TCh _a 66.50 0.01	LAB*TCh _a 66.50 0.01	LAB*TCh _a 66.50 0.01	LAB*TCh _a 66.50 0.01	LAB*TCh _a 66.50 0.01	LAB*TCh _a 66.50 0.01
LAB*TCh _b 67.00	LAB*TCh _b 67.00	LAB*TCh _b 67.00	LAB*TCh _b 67.00	LAB*TCh _b 67.00	LAB*TCh _b 67.00

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
relative Inform. Technology (IT) olv3* 0.5 0.5 0.5 (1.0)	olv3* 0.5 0.5 0.5 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0	olv4* 1.0 1.0 1.0	cmy4* 0.0 0.0 0.0			
standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
LAB*LAB 66.50 -0.61 3.44	LAB*LAB 66.50 -0.61 3.44	LAB*LAB 66.50 -0.61 3.44	LAB*LAB 66.50 -0.61 3.44	LAB*LAB 66.50 -0.61 3.44	LAB*LAB 66.50 -0.61 3.44
LAB*TCh _a 66.00 0.01	LAB*TCh _a 66.00 0.01	LAB*TCh _a 66.00 0.01	LAB*TCh _a 66.00 0.01	LAB*TCh _a 66.00 0.01	LAB*TCh _a 66.00 0.01
LAB*TCh _b 66.50	LAB*TCh _b 66.50	LAB*TCh _b 66.50	LAB*TCh _b 66.50	LAB*TCh _b 66.50	LAB*TCh _b 66.50

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
relative Inform. Technology (IT) olv3* 0.5 0.5 0.5 (1.0)	olv3* 0.5 0.5 0.5 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)	cmy3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0	olv4* 1.0 1.0 1.0	cmy4* 0.0 0.0 0.0			
standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
LAB*LAB 66.00 -0.61 3.44	LAB*LAB 66.00 -0.61 3.44	LAB*LAB 66.00 -0.61 3.44	LAB*LAB 66.00 -0.61 3.44	LAB*LAB 66.00 -0.61 3.44	LAB*LAB 66.00 -0.61 3.44
LAB*TCh _a 65.50 0.01	LAB*TCh _a 65.50 0.01	LAB*TCh _a 65.50 0.01	LAB*TCh _a 65.50 0.01	LAB*TCh _a 65.50 0.01	LAB*TCh _a 65.50 0.01
LAB*TCh _b 66.00	LAB*TCh _b 66.00	LAB*TCh _b 66.00	LAB*TCh _b 66.00	LAB*TCh _b 66.00	LAB*TCh _b 66.00

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
relative Inform. Technology (IT) olv3* 1.0 1.0 1.0 (1.0)	olv3* 1.0 1.0 1.0 (0.0)	cmy3* 0.5 0.5 0.5 (0.0)			
olv4* 1.0 1.0 1.0	olv4* 1.0 1.0 1.0	cmy4* 0.0 0.0 0.0			
standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB	standard and adapted CIELAB
LAB*LAB 65.50 -0.61 3.44	LAB*LAB 65.50 -0.61 3.44	LAB*LAB 65.50 -0.61 3.44	LAB*LAB 65.50 -0.61 3.44	LAB*LAB 65.50 -0.61 3.44	LAB*LAB 65.50 -0.61 3.44
LAB*TCh _a 65.00 0.01	LAB*TCh _a 65.00 0.01	LAB*TCh _a 65.00 0.01	LAB*TCh _a 65.00 0.01	LAB*TCh _a 65.00 0.01	LAB*TCh _a 65.00 0.01
LAB*TCh _b 65.50	LAB*TCh _b 65.50	LAB*TCh _b 65.50	LAB*TCh _b 65.50	LAB*TCh _b 65.50	LAB*TCh _b 65.50







$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

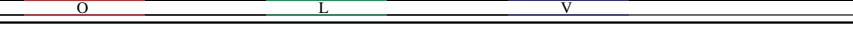
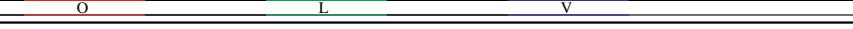
$n^* = 1,00$

$n^* = 0,00$
 $n^* = 0,25$
 $n^* = 0,50$
 $n^* = 0,75$
 $n^* = 1,00$

chromaticness c^*

5 step scales for constant CIELAB hue 305/360 = 0.847 (right)

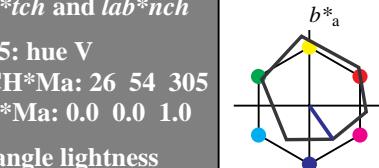
input: $cmy0^*$ setcmykcolor
output: no change compared to input



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 305/360 = 0.847$

lab^*tch and lab^*nch



%Gamut
 $u^*_{rel} = 93$

ORS18; 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

relative Inform. Technology (IT)

	$oliv3^*$	1.0	1.0	1.0	(1.0)
cmy3*	0.5	0.5	0.5	0.5	(0.0)
oliv4*	1.0	1.0	1.0	1.0	-
cmy4*	0.0	0.0	0.0	0.0	-
standard and adapted CIELAB	-	-	-	-	-
LAB*LAB	79.99	13.55	47.5	-	-
LAB*TCh _a	95.41	0.0	0.0	-	-
LAB*TCh _a	99.99	0.01	-	-	-

relative CIELAB lab*

	lab^*tch	1.0	0.0	0.0	-
lab^*nch	1.0	0.0	-	-	-
lab^*tch	1.0	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-
lab^*tch	1.0	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-
lab^*tch	1.0	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-

relative Inform. Technology (IT)

	$oliv3^*$	0.5	0.5	0.5	(1.0)
cmy3*	0.25	0.25	0.25	0.25	(0.0)
oliv4*	1.0	1.0	1.0	0.75	-
cmy4*	0.0	0.0	0.0	0.5	-
standard and adapted CIELAB	-	-	-	-	-
LAB*LAB	76.06	-0.61	3.44	-	-
LAB*TCh _a	76.06	0.0	0.0	-	-
LAB*TCh _a	75.01	-	-	-	-

relative CIELAB lab*

	lab^*tch	0.5	0.0	0.0	-
lab^*nch	0.5	0.0	-	-	-
lab^*tch	0.5	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-
lab^*tch	0.5	0.0	-	-	-
lab^*nch	0.25	0.0	-	-	-

relative Inform. Technology (IT)

	$oliv3^*$	0.5	0.5	0.5	(1.0)
cmy3*	0.25	0.25	0.25	0.25	(0.0)
oliv4*	0.5	0.5	0.5	0.5	-
cmy4*	0.0	0.0	0.0	0.5	-
standard and adapted CIELAB	-	-	-	-	-
LAB*LAB	56.71	0.24	2.14	-	-
LAB*TCh _a	56.71	0.01	0.0	-	-
LAB*TCh _a	50.01	-	-	-	-

relative CIELAB lab*

	lab^*tch	0.5	0.0	0.0	-
lab^*nch	0.5	0.0	-	-	-
lab^*tch	0.5	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-
lab^*tch	0.5	0.0	-	-	-
lab^*nch	0.25	0.0	-	-	-

relative Inform. Technology (IT)

	$oliv3^*$	0.25	0.25	0.25	(1.0)
cmy3*	0.125	0.125	0.125	0.125	(0.0)
oliv4*	0.5	0.5	0.5	0.5	-
cmy4*	0.0	0.0	0.0	0.5	-
standard and adapted CIELAB	-	-	-	-	-
LAB*LAB	18.02	0.5	-0.47	-	-
LAB*TCh _a	0.01	0.01	-	-	-
LAB*TCh _a	0.01	-	-	-	-

relative CIELAB lab*

	lab^*tch	0.25	0.0	0.0	-
lab^*nch	0.25	0.0	-	-	-
lab^*tch	0.25	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-
lab^*tch	0.25	0.0	-	-	-
lab^*nch	0.125	0.0	-	-	-

relative Inform. Technology (IT)

	$oliv3^*$	0.125	0.125	0.125	(1.0)
cmy3*	0.0625	0.0625	0.0625	0.0625	(0.0)
oliv4*	0.5	0.5	0.5	0.5	-
cmy4*	0.0	0.0	0.0	0.5	-
standard and adapted CIELAB	-	-	-	-	-
LAB*LAB	1.994	8.23	-11.43	-	-
LAB*TCh _a	0.044	0.77	-11.09	-	-
LAB*TCh _a	12.5	13.55	305.0	-	-

relative CIELAB lab*

	lab^*tch	0.125	0.0	0.0	-
lab^*nch	0.125	0.0	-	-	-
lab^*tch	0.125	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-
lab^*tch	0.125	0.0	-	-	-
lab^*nch	0.0625	0.0	-	-	-

relative Inform. Technology (IT)

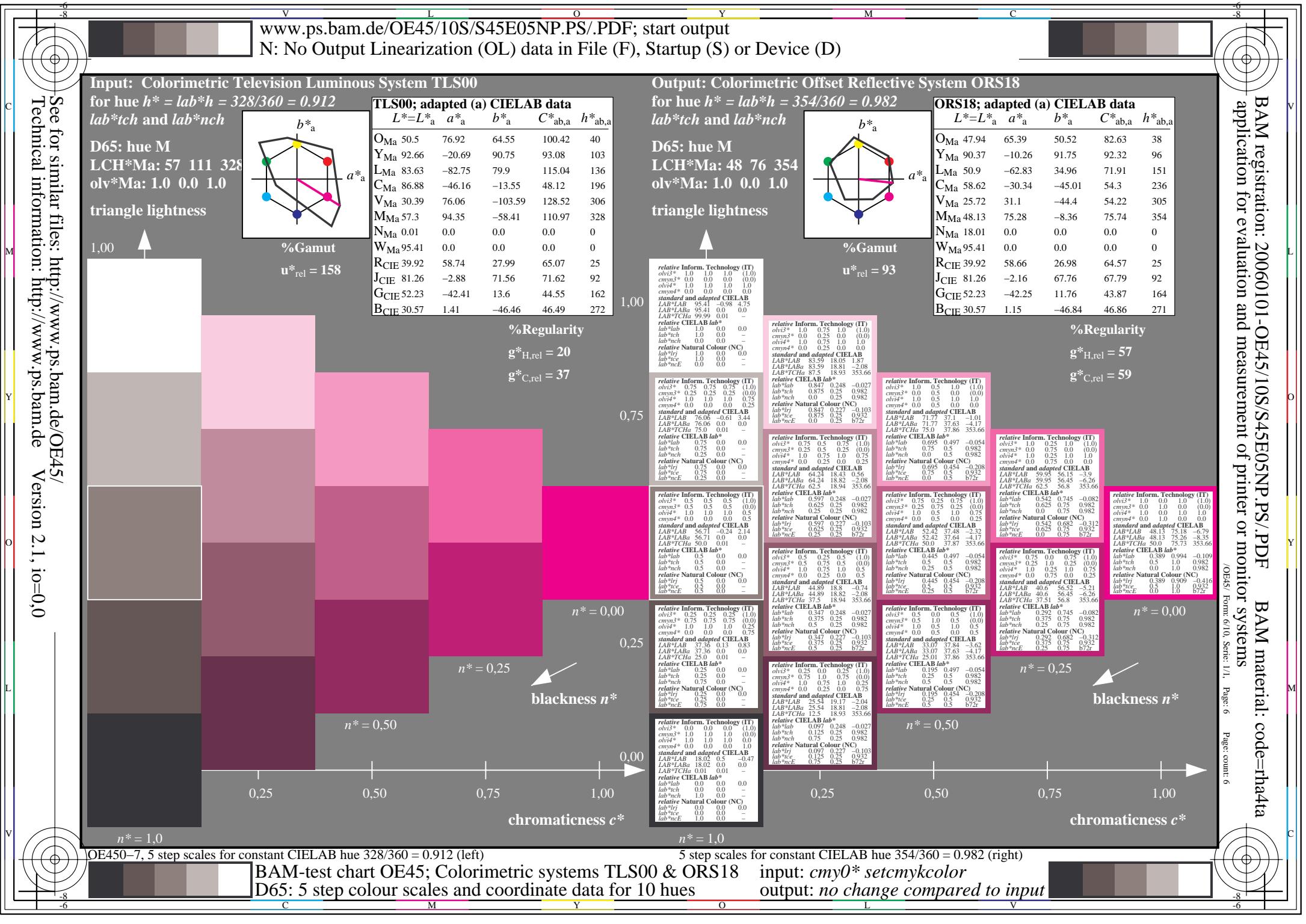
	$oliv3^*$	0.0625	0.0625	0.0625	(1.0)
cmy3*	0.03125	0.03125	0.03125	0.03125	(0.0)
oliv4*	0.5	0.5	0.5	0.5	-
cmy4*	0.0	0.0	0.0	0.5	-
standard and adapted CIELAB	-	-	-	-	-
LAB*LAB	1.994	8.23	-11.43	-	-
LAB*TCh _a	0.044	0.77	-11.09	-	-
LAB*TCh _a	12.5	13.55	305.0	-	-

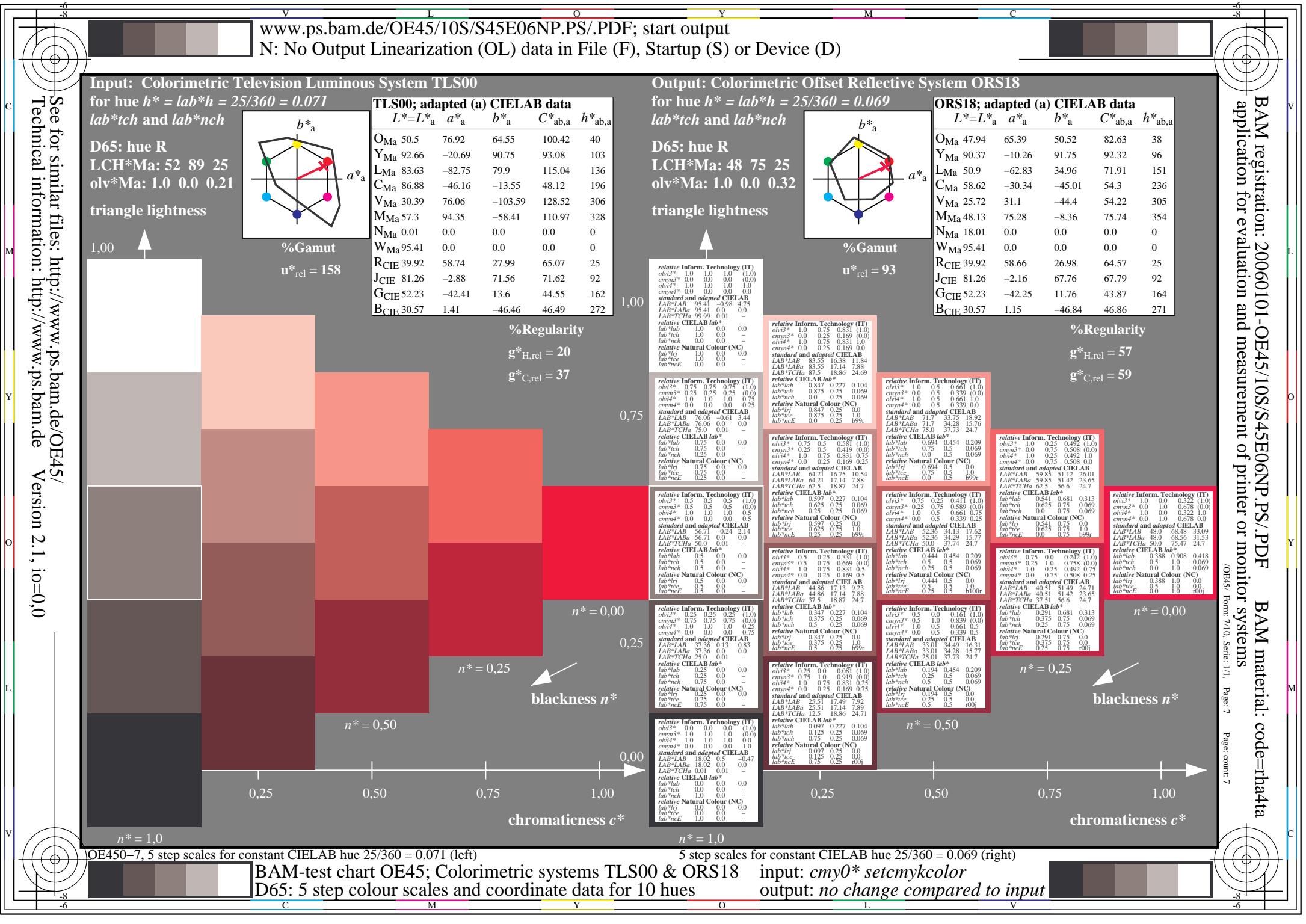
relative CIELAB lab*

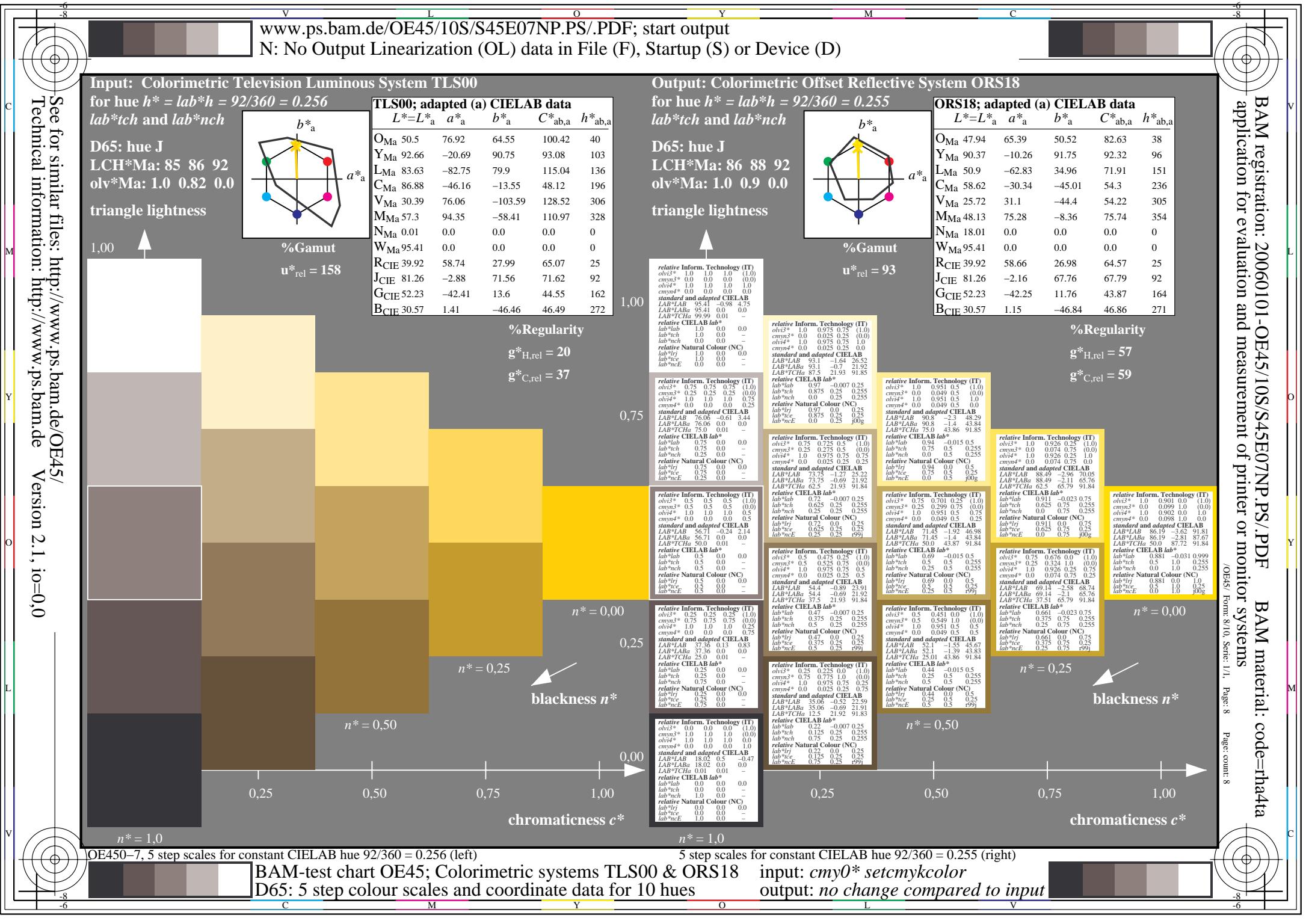
	lab^*tch	0.0625	0.0	0.0	-
lab^*nch	0.0625	0.0	-	-	-
lab^*tch	0.0625	0.0	-	-	-
lab^*nch	0.0	0.0	-	-	-
lab^*tch	0.0625	0.0	-	-	-
lab^*nch	0.03125	0.0	-	-	-

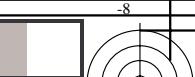
relative Inform. Technology (IT)

	$oliv3^*$	0.03125	0.03125	0.03125	(1.0)
cmy3*	0.015625	0.015625	0.015625	0.015625	(0.0)
oliv4*	0.5	0.5	0.5	0.5	-
cmy4*	0.0	0.0	0.0	0.5	-
standard and adapted CIELAB	-	-	-	-	-
LAB*LAB	1.994	8.23	-11		



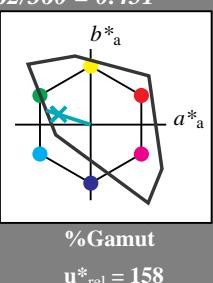






Input: Colorimetric Television Luminous System TLS00
for hue $h^* = lab^*h = 162/360 = 0.451$
 lab^*tch and lab^*nch

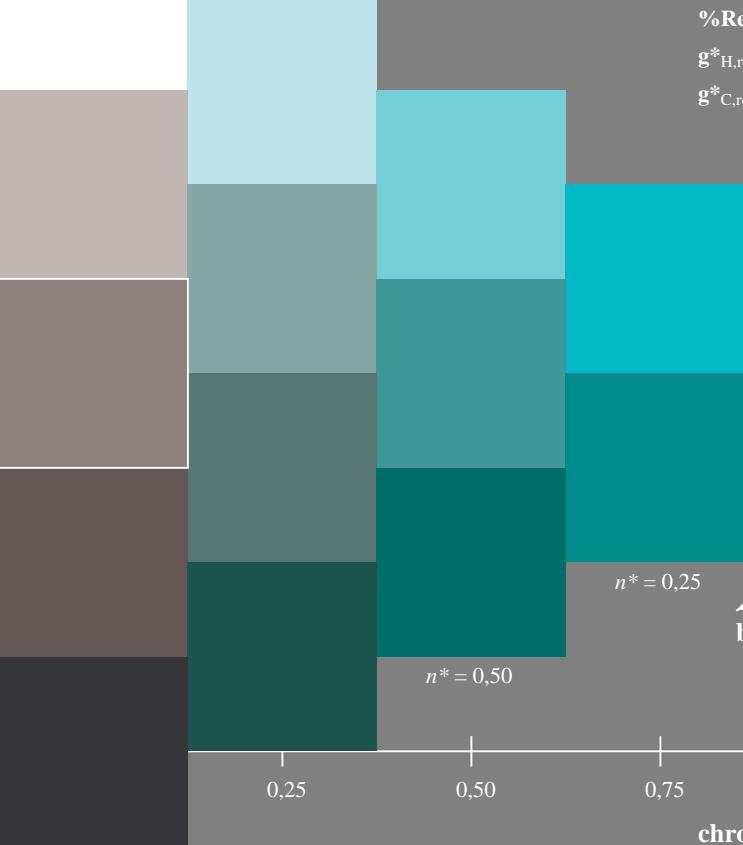
D65: hue G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65
triangle lightness



	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
MMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272



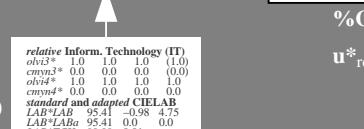
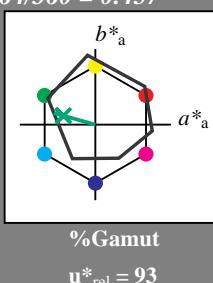
%Regularity
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$



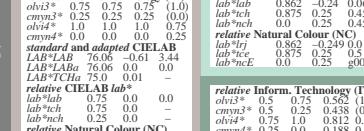
Output: Colorimetric Offset Reflective System ORS18

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

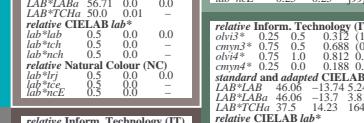
lab^*tch and lab^*nch



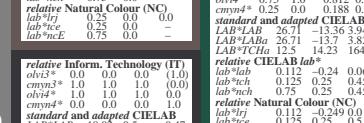
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



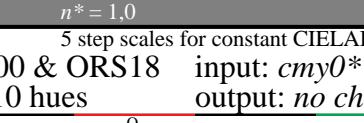
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$



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



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



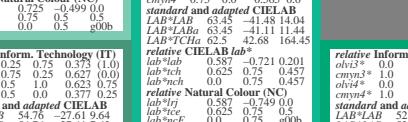
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18; adapted (a) CIELAB data

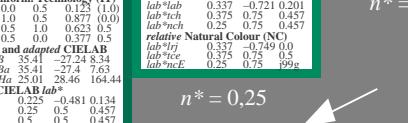
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271



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



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



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



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



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

BAM registration: 20060101-OE45/10S/S45E08NP.PS/.PDF

application for evaluation and measurement of printer or monitor systems

/OE45/ Form:0/10, Serie: 1/1, Page: 9

Page: count: 9

blackness n^*

chromaticness c^*

OE45-7, 5 step scales for constant CIELAB hue 162/360 = 0.451 (left)

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

BAM-test chart OE45; Colorimetric systems TLS00 & ORS18
D65: 5 step colour scales and coordinate data for 10 hues

input: $cmy0^*$ setcmykcolor
output: no change compared to input

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