

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

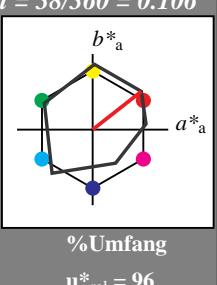
für Bunton $h^* = lab^*h = 38/360 = 0.106$
 lab^*tch und lab^*nch

A: Bunton O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 96$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{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
V _{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

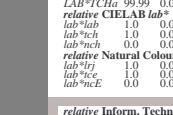
1,00



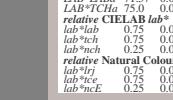
%Umfang
 $u^*_{rel} = 96$

%Regularität $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

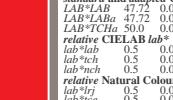
1,00



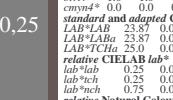
0,75



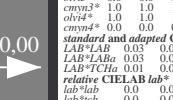
0,50



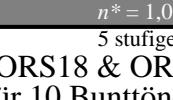
0,25

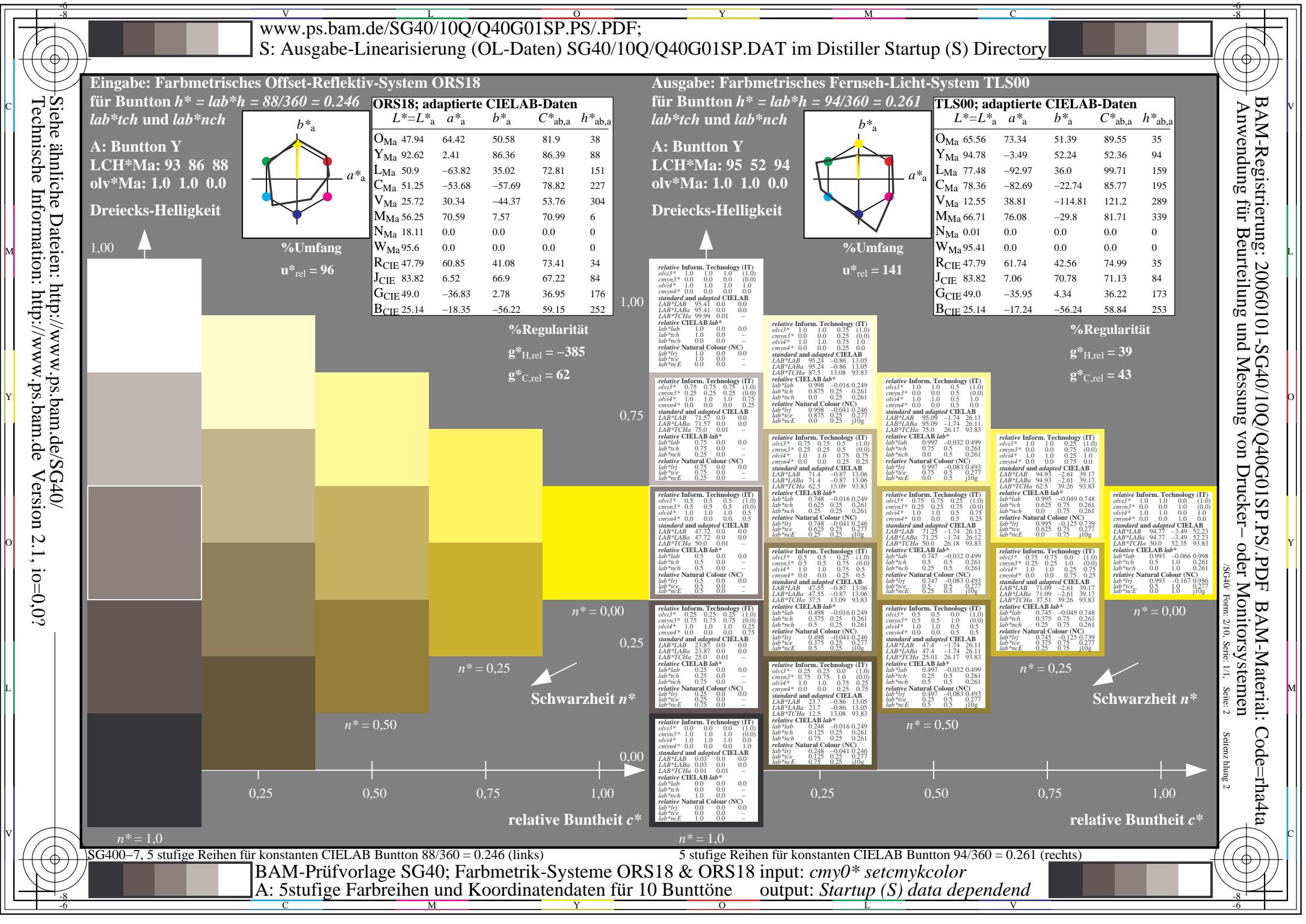


0,00



-0,25

 $n^* = 0,50$ $n^* = 0,25$ $n^* = 0,00$ $n^* = -0,25$ $n^* = -0,50$ $n^* = -0,75$ $n^* = -1,00$ $n^* = -1,25$ $n^* = -1,50$ $n^* = -1,75$ $n^* = -2,00$ $n^* = -2,25$ $n^* = -2,50$ $n^* = -2,75$ $n^* = -3,00$ $n^* = -3,25$ $n^* = -3,50$ $n^* = -3,75$ $n^* = -4,00$ $n^* = -4,25$ $n^* = -4,50$ $n^* = -4,75$ $n^* = -5,00$ $n^* = -5,25$ $n^* = -5,50$ $n^* = -5,75$ $n^* = -6,00$ $n^* = -6,25$ $n^* = -6,50$ $n^* = -6,75$ $n^* = -7,00$ $n^* = -7,25$ $n^* = -7,50$ $n^* = -7,75$ $n^* = -8,00$ $n^* = -8,25$ $n^* = -8,50$ $n^* = -8,75$ $n^* = -9,00$ $n^* = -9,25$ $n^* = -9,50$ $n^* = -9,75$ $n^* = -10,00$ $n^* = -10,25$ $n^* = -10,50$ $n^* = -10,75$ $n^* = -11,00$ $n^* = -11,25$ $n^* = -11,50$ $n^* = -11,75$ $n^* = -12,00$ $n^* = -12,25$ $n^* = -12,50$ $n^* = -12,75$ $n^* = -13,00$ $n^* = -13,25$ $n^* = -13,50$ $n^* = -13,75$ $n^* = -14,00$ $n^* = -14,25$ $n^* = -14,50$ $n^* = -14,75$ $n^* = -15,00$ $n^* = -15,25$ $n^* = -15,50$ $n^* = -15,75$ $n^* = -16,00$ $n^* = -16,25$ $n^* = -16,50$ $n^* = -16,75$ $n^* = -17,00$ $n^* = -17,25$ $n^* = -17,50$ $n^* = -17,75$ $n^* = -18,00$ $n^* = -18,25$ $n^* = -18,50$ $n^* = -18,75$ $n^* = -19,00$ $n^* = -19,25$ $n^* = -19,50$ $n^* = -19,75$ $n^* = -20,00$ $n^* = -20,25$ $n^* = -20,50$ $n^* = -20,75$ $n^* = -21,00$ $n^* = -21,25$ $n^* = -21,50$ $n^* = -21,75$ $n^* = -22,00$ $n^* = -22,25$ $n^* = -22,50$ $n^* = -22,75$ $n^* = -23,00$ $n^* = -23,25$ $n^* = -23,50$ $n^* = -23,75$ $n^* = -24,00$ $n^* = -24,25$ $n^* = -24,50$ $n^* = -24,75$ $n^* = -25,00$ $n^* = -25,25$ $n^* = -25,50$ $n^* = -25,75$ $n^* = -26,00$ $n^* = -26,25$ $n^* = -26,50$ $n^* = -26,75$ $n^* = -27,00$ $n^* = -27,25$ $n^* = -27,50$ $n^* = -27,75$ $n^* = -28,00$ $n^* = -28,25$ $n^* = -28,50$ $n^* = -28,75$ $n^* = -29,00$ $n^* = -29,25$ $n^* = -29,50$ $n^* = -29,75$ $n^* = -30,00$ $n^* = -30,25$ $n^* = -30,50$ $n^* = -30,75$ $n^* = -31,00$ $n^* = -31,25$ $n^* = -31,50$ $n^* = -31,75$ $n^* = -32,00$ $n^* = -32,25$ $n^* = -32,50$ $n^* = -32,75$ $n^* = -33,00$ $n^* = -33,25$ $n^* = -33,50$ $n^* = -33,75$ $n^* = -34,00$ $n^* = -34,25$ $n^* = -34,50$ $n^* = -34,75$ $n^* = -35,00$ $n^* = -35,25$ $n^* = -35,50$ $n^* = -35,75$ $n^* = -36,00$ $n^* = -36,25$ $n^* = -36,50$ $n^* = -36,75$ $n^* = -37,00$ $n^* = -37,25$ $n^* = -37,50$ $n^* = -37,75$ $n^* = -38,00$ $n^* = -38,25$ $n^* = -38,50$ $n^* = -38,75$ $n^* = -39,00$ $n^* = -39,25$ $n^* = -39,50$ $n^* = -39,75$ $n^* = -40,00$ $n^* = -40,25$ $n^* = -40,50$ $n^* = -40,75$ $n^* = -41,00$ $n^* = -41,25$ $n^* = -41,50$ $n^* = -41,75$ $n^* = -42,00$ $n^* = -42,25$ $n^* = -42,50$ $n^* = -42,75$ $n^* = -43,00$ $n^* = -43,25$ $n^* = -43,50$ $n^* = -43,75$ $n^* = -44,00$ $n^* = -44,25$ $n^* = -44,50$ $n^* = -44,75$ $n^* = -45,00$ $n^* = -45,25$ $n^* = -45,50$ $n^* = -45,75$ $n^* = -46,00$ $n^* = -46,25$ $n^* = -46,50$ $n^* = -46,75$ $n^* = -47,00$ $n^* = -47,25$ $n^* = -47,50$ $n^* = -47,75$ $n^* = -48,00$ $n^* = -48,25$ $n^* = -48,50$ $n^* = -48,75$ $n^* = -49,00$ $n^* = -49,25$ $n^* = -49,50$ $n^* = -49,75$ $n^* = -50,00$ $n^* = -50,25$ $n^* = -50,5$



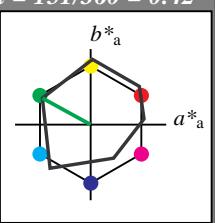
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18für Bunton $h^* = lab^*h = 151/360 = 0.42$
 lab^*tch und lab^*nch

A: Bunton L

LCH*Ma: 51 73 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 96$ **ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	64.42	50.58	81.9	38
YMa	92.62	2.41	86.36	86.39	88
LMa	50.9	-63.82	35.02	72.81	151
CMa	51.25	-53.68	-57.69	78.82	227
VMa	25.72	30.34	-44.37	53.76	304
MMa	56.25	70.59	7.57	70.99	6
NMa	18.11	0.0	0.0	0.0	0
WMa	95.6	0.0	0.0	0.0	0
Rcie	47.79	60.85	41.08	73.41	34
Jcie	83.82	6.52	66.9	67.22	84
Gcie	49.0	-36.83	2.78	36.95	176
BCie	25.14	-18.35	-56.22	59.15	252

1,00



1,00



1,00



1,00



1,00



1,00

**%Regularität** $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$ $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ $n^* = 0,75$ $n^* = 1,00$ $n^* = 1,0$ $n^* = 1,0$

BAM-Registrierung: 20060101-SG40/10Q/Q40G04SP.PS./PDF
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

SG40 Form: 5/10, Seite: 1/1, Seite: 5
Seitenzähler 5

Siehe ähnliche Dateien: <http://www.ps.bam.de/SG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0?

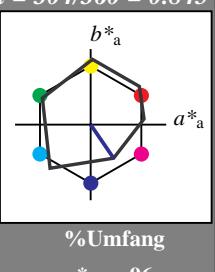
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Bunton $h^* = lab^*h = 304/360 = 0.845$

lab^*tch und lab^*nch

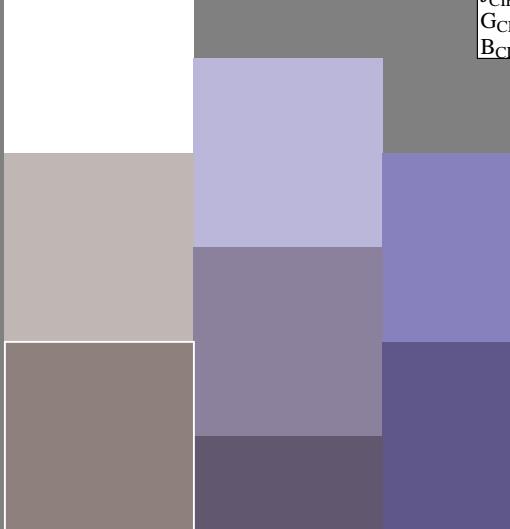
A: Bunton V
LCH*Ma: 26 54 304
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 96$

1,00



$n^* = 0,50$

$n^* = 1,0$

SG400-7, 5 stufige Reihen für konstanten CIELAB Bunnton 304/360 = 0.845 (links)

C M Y O L C M Y O L

BAM-Prüfvorlage SG40; Farbmétrik-Systeme ORS18 & ORS18 input: $cmy0*$ setcmykcolor

A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

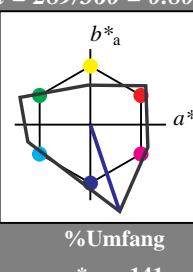
Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Bunton $h^* = lab^*h = 289/360 = 0.802$

lab^*tch und lab^*nch

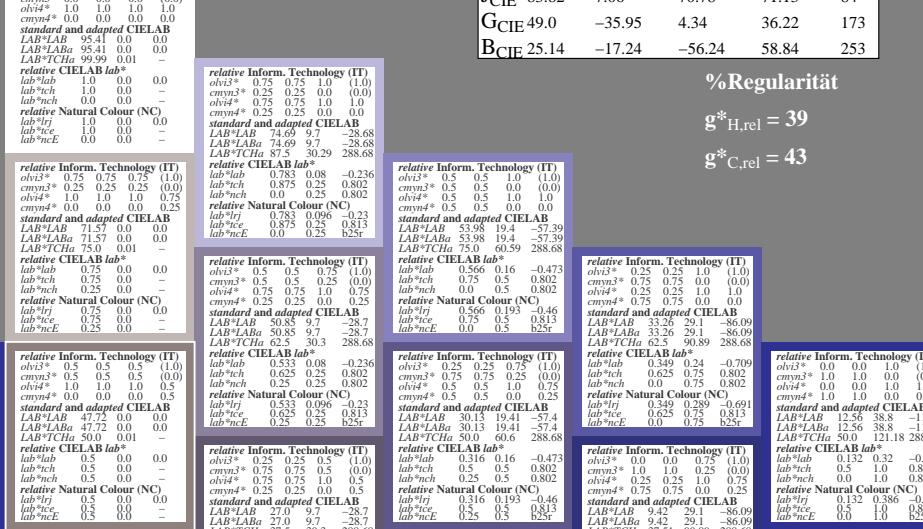
A: Bunton V
LCH*Ma: 13 121 289
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 141$

1,00



$n^* = 0,50$

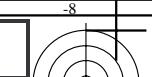
$n^* = 1,0$

C M Y O L C M Y O L

5 stufige Reihen für konstanten CIELAB Bunnton 289/360 = 0.802 (rechts)

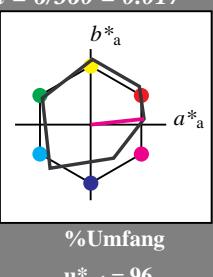
A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne

output: Startup (S) data dependend



Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18
für Bunnton $h^* = lab^*h = 6/360 = 0.017$
 lab^*tch und lab^*nch

A: Bunnton M
LCH*Ma: 56 71 6
olv*Ma: 1.0 0.0 1.0
Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 96$

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{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
V _{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

1,00



%Umfang
 $u^*_{rel} = 96$

%Regularität

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

1,00



0,75



0,75



0,75



0,75



0,00



0,00

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

relative Buntheit c^*

$n^* = 1,00$



0,00



0,00

$n^* = 1,00$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

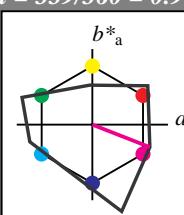
für Bunnton $h^* = lab^*h = 339/360 = 0.941$
 lab^*tch und lab^*nch

A: Bunnton M

LCH*Ma: 67 82 339

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 141$

1,00



0,75



0,75



0,75



0,75



0,00



0,00

$n^* = 1,00$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	65.56	73.34	51.39	89.55	35
Y _{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
V _{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

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$

relative Inform. Technology (IT)

$olv3^*$

$cmy3^*$

$olv4^*$

$cmy4^*$

standard and adapted CIELAB

LAB^*LAB

LAB^*La

LAB^*LCh

LAB^*TCh

LAB^*TCh

LAB^*Ch

relative Inform. Technology (IT)

$olv3^*$

$cmy3^*$

$olv4^*$

$cmy4^*$

standard and adapted CIELAB

LAB^*LAB

LAB^*La

LAB^*LCh

LAB^*TCh

LAB^*Ch

relative Inform. Technology (IT)

$olv3^*$

$cmy3^*$

$olv4^*$

$cmy4^*$

standard and adapted CIELAB

LAB^*LAB

LAB^*La

LAB^*LCh

LAB^*TCh

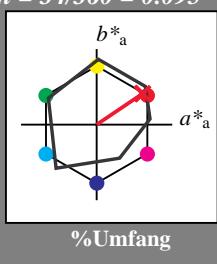
LAB^*Ch

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18für Bunton $h^* = lab^*h = 34/360 = 0.095$ lab^*tch und lab^*nch **A: Bunton R**

LCH*Ma: 49 79 34

olv*Ma: 1.0 0.0 0.15

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 96$ **ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{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
V _{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

1,00 ↑

%Umfang

 $u^*_{rel} = 96$

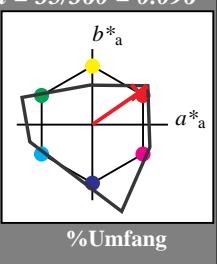
%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$ **Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00**für Bunton $h^* = lab^*h = 35/360 = 0.096$ lab^*tch und lab^*nch **A: Bunton R**

LCH*Ma: 66 89 35

olv*Ma: 1.0 0.0 0.01

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 141$

%Regularität

 $g^*_{H,rel} = 39$ $g^*_{C,rel} = 43$

relative Inform. Technology (IT)

 olv^3* 1.0 1.0 1.0 (1.0) $cmy3*$ 0.0 0.0 0.0 (0.0) olv^4* 1.0 1.0 1.0 (1.0) $cmy4*$ 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

 LAB^*LAB 0.0 0.0 0.0 LAB^*La 95.41 0.0 0.0 LAB^*TCh 99.99 0.01relative CIELAB lab^* lab^*tch 0.0 0.0 0.0 lab^*nch 1.0 0.0 0.0 lab^*irj 0.0 0.0 0.0 lab^*ice 1.0 0.0 0.0 lab^*nCE 0.0 0.0 0.0

relative Inform. Technology (II)

 olv^3* 1.0 0.75 0.75 (1.0) $cmy3*$ 0.0 0.75 0.75 (0.0) olv^4* 1.0 0.75 0.75 (1.0) $cmy4*$ 0.0 0.75 0.75 (0.0)

standard and adapted CIELAB

 LAB^*LAB 71.57 0.0 0.0 LAB^*La 71.57 0.0 0.0 LAB^*TCh 75.01 0.01relative CIELAB lab^* lab^*tch 0.75 0.0 0.0 lab^*nch 0.75 0.0 0.0 lab^*irj 0.75 0.0 0.0 lab^*ice 0.75 0.0 0.0 lab^*nCE 0.25 0.0 0.0

relative Inform. Technology (III)

 olv^3* 0.5 0.5 0.5 (1.0) $cmy3*$ 0.5 0.5 0.5 (0.0) olv^4* 1.0 0.5 0.5 (0.75) $cmy4*$ 0.0 0.0 0.5 (0.25)

standard and adapted CIELAB

 LAB^*LAB 47.72 0.0 0.0 LAB^*La 47.72 0.0 0.0 LAB^*TCh 50.0 0.01relative CIELAB lab^* lab^*tch 0.5 0.0 0.0 lab^*nch 0.5 0.0 0.0 lab^*irj 0.5 0.0 0.0 lab^*ice 0.5 0.0 0.0 lab^*nCE 0.5 0.0 0.0

relative Inform. Technology (IV)

 olv^3* 0.5 0.25 0.25 (1.0) $cmy3*$ 0.25 0.25 0.25 (0.0) olv^4* 1.0 0.25 0.25 (0.75) $cmy4*$ 0.0 0.25 0.25 (0.25)

standard and adapted CIELAB

 LAB^*LAB 23.87 0.0 0.0 LAB^*La 23.87 0.0 0.0 LAB^*TCh 25.1 0.01relative CIELAB lab^* lab^*tch 0.25 0.0 0.0 lab^*nch 0.25 0.0 0.0 lab^*irj 0.25 0.0 0.0 lab^*ice 0.25 0.0 0.0 lab^*nCE 0.75 0.0 0.0

relative Inform. Technology (V)

 olv^3* 0.25 0.25 0.25 (1.0) $cmy3*$ 0.25 0.25 0.25 (0.0) olv^4* 1.0 0.25 0.25 (0.75) $cmy4*$ 0.0 0.25 0.25 (0.25)

standard and adapted CIELAB

 LAB^*LAB 0.0 0.0 0.0 LAB^*La 0.0 0.0 0.0 LAB^*TCh 0.01 0.01relative CIELAB lab^* lab^*tch 0.172 0.25 0.0 lab^*nch 0.172 0.25 0.0 lab^*irj 0.172 0.25 0.0 lab^*ice 0.75 0.25 0.00 lab^*nCE 0.75 0.25 r00

relative Natural Colour (NC)

 lab^*irj 0.25 0.0 0.0 (0.0) lab^*ice 0.25 0.0 0.0 (0.0) lab^*nCE 0.75 0.0 0.0 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0) lab^*nCE 0.5 0.5 r00 (0.0)

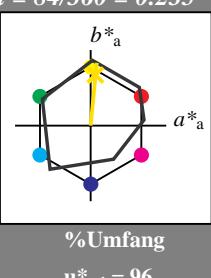
relative Natural Colour (NC)

 lab^*irj 0.344 0.5 0.0 (0.0) lab^*ice 0.25 0.5 0.0 (0.0)

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18
für Bunton $h^* = lab^*h = 84/360 = 0.235$
 lab^*tch und lab^*nch

A: Bunton J
LCH*Ma: 89 83 84
olv*Ma: 1.0 0.91 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{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
V _{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

1,00

%Umfang

$u^*_{rel} = 96$

1,00

%Regularität

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

0,75

1,00

0,75

%Umfang

$u^*_{rel} = 141$

0,75

relative Inform. Technology (IT)

$oliv3^*$ 1.0 0.972 0.75 (1,0)

$cmy3^*$ 0.0 0.028 0.5 (0,0)

$oliv4^*$ 1.0 1.0 0.0 (0,0)

$cmy4^*$ 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 95.41 1.0 0.0

LAB*TCha 99.99 0.01

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 1.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 1.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 71.57 0.0 0.0

LAB*TCh 71.57 0.0 0.0

LAB*TCha 75.01 0.0 0.0

relative CIELAB lab*

lab^*l 0.75 0.0 0.0

lab^*tch 0.75 0.0 0.0

lab^*nch 0.75 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.75 0.0 0.0

lab^*n_{trc} 0.75 0.0 0.0

lab^*n_{nCE} 0.75 0.0 0.0

standard and adapted CIELAB

LAB*LAB 47.72 0.0 0.0

LAB*TCh 47.72 0.0 0.0

LAB*TCha 50.0 0.01

relative CIELAB lab*

lab^*l 0.5 0.0 0.0

lab^*tch 0.5 0.0 0.0

lab^*nch 0.5 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.5 0.0 0.0

lab^*n_{trc} 0.5 0.0 0.0

lab^*n_{nCE} 0.5 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.01 0.01

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.03 0.0 0.0

LAB*TCh 0.03 0.0 0.0

LAB*TCha 0.01 0.01

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*

lab^*l 0.0 0.0 0.0

lab^*tch 0.0 0.0 0.0

lab^*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab^*l_{trj} 0.0 0.0 0.0

lab^*n_{trc} 0.0 0.0 0.0

lab^*n_{nCE} 0.0 0.0 0.0

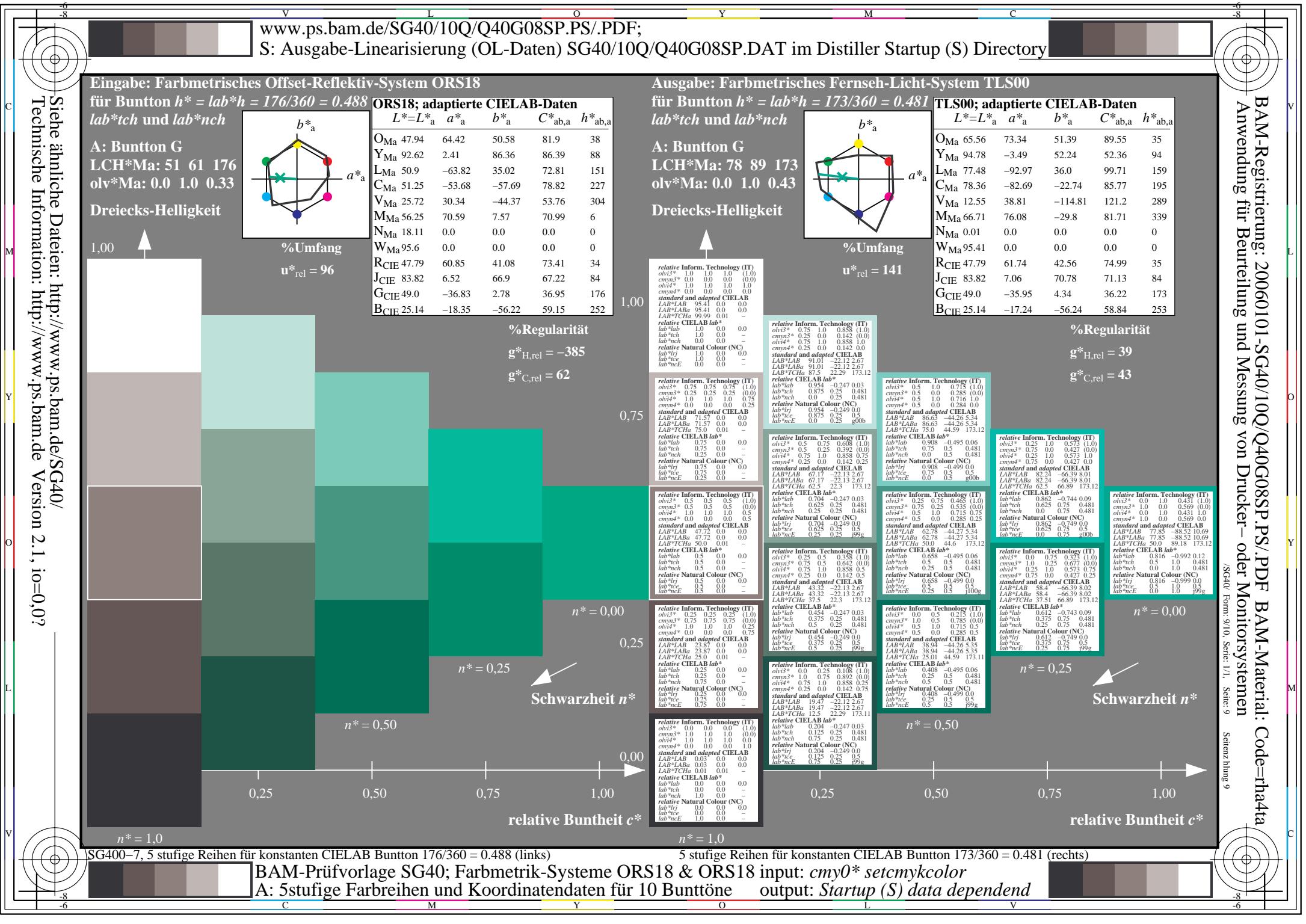
standard and adapted CIELAB

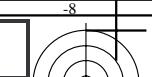
LAB*LAB 0.0 0.0 0.0

LAB*TCh 0.0 0.0 0.0

LAB*TCha 0.0 0.0 0.0

relative CIELAB lab*





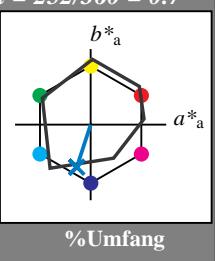
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18
für Bunnton $h^* = lab^*h = 252/360 = 0.7$
 lab^*tch und lab^*nch

A: Bunnton B

LCH*Ma: 40 55 252

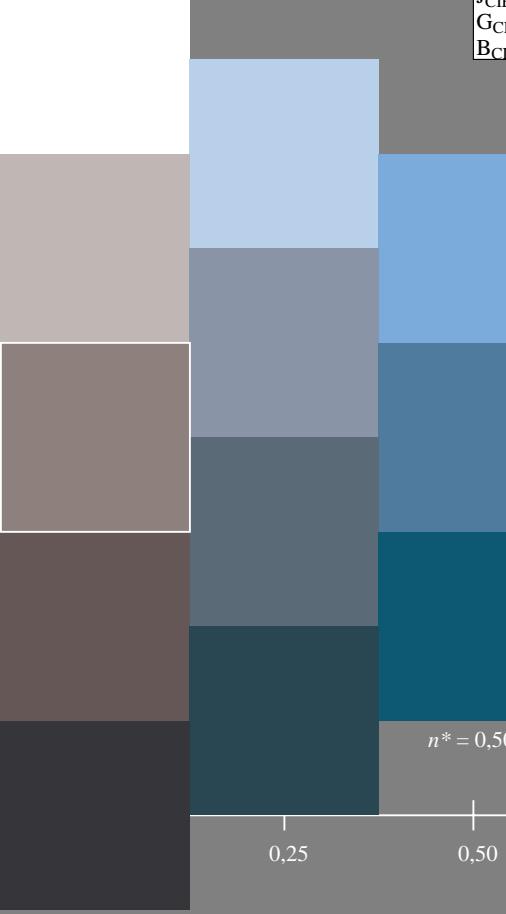
olv*Ma: 0.0 0.56 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{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
V _{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



%Regularität

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Bunnton $h^* = lab^*h = 253/360 = 0.703$

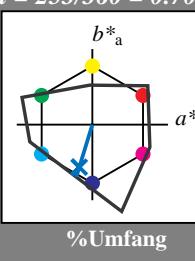
lab^*tch und lab^*nch

A: Bunnton B

LCH*Ma: 45 72 253

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



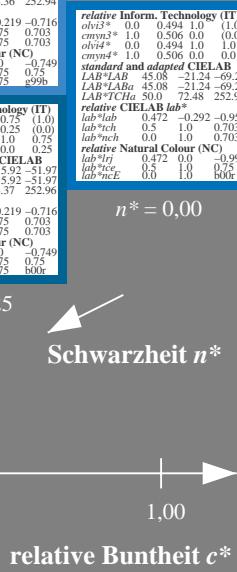
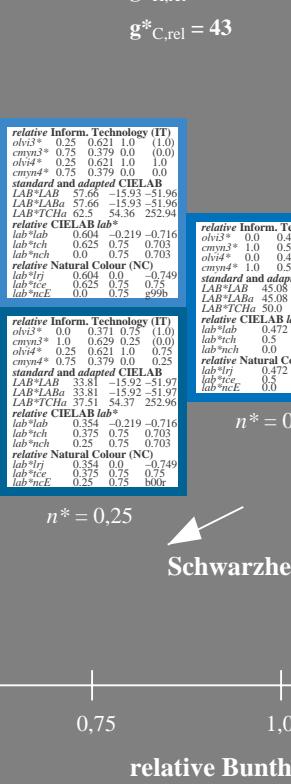
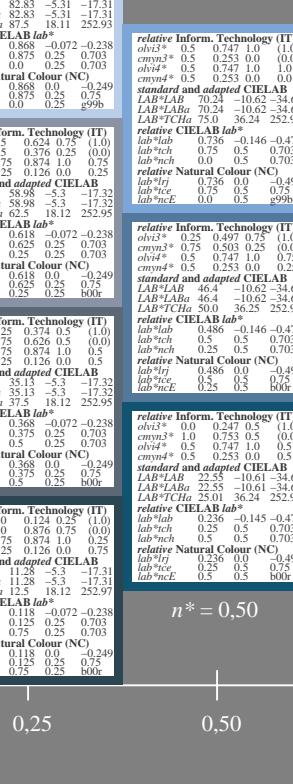
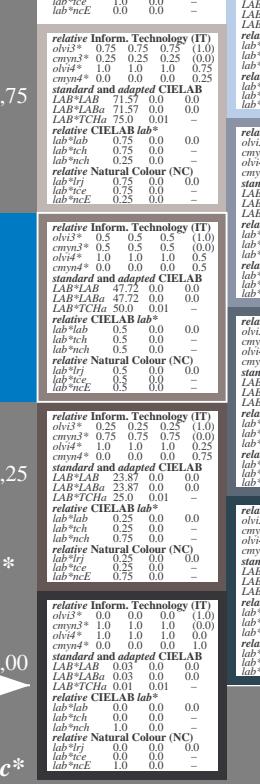
TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	65.56	73.34	51.39	89.55	35
Y _{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
V _{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

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$



$n^* = 1.0$

5stufige Reihen für konstanten CIELAB Bunnton 253/360 = 0.703 (rechts)

BAM-Prüfvorlage SG40; Farbmétrik-Systeme ORS18 & ORS18 input: $cmy0*$ setcmykcolor
A: 5stufige Farbreihen und Koordinatendaten für 10 Bunntöne output: Startup (S) data dependend