

C

M

Y

O

L

V

L

O

Y

M

C

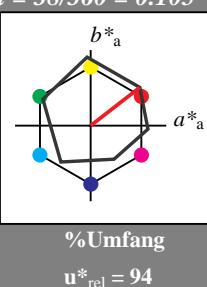
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18für Bunnton $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch und lab^*nch

D50: Bunnton O

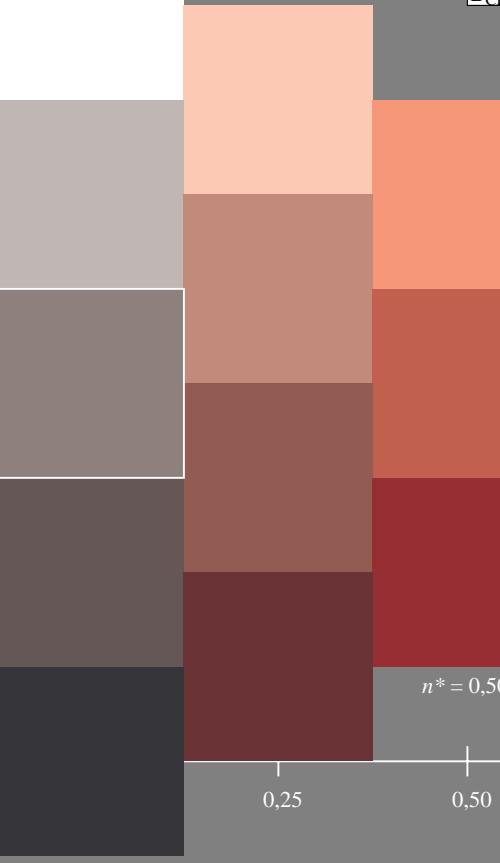
LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 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	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

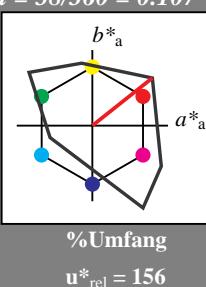
relative Buntheit c^* $n^* = 1,0$ **Ausgabe: Farbmatisches Fernseh-Licht-System TLS00**für Bunnton $h^* = lab^*h = 38/360 = 0.107$
 lab^*tch und lab^*nch

D50: Bunnton O

LCH*Ma: 54 101 38

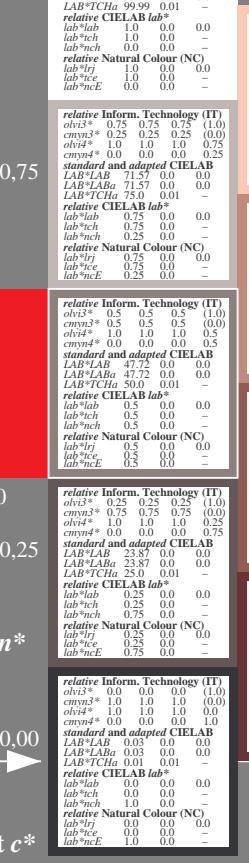
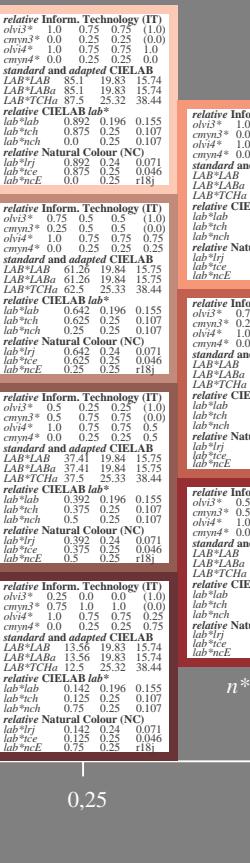
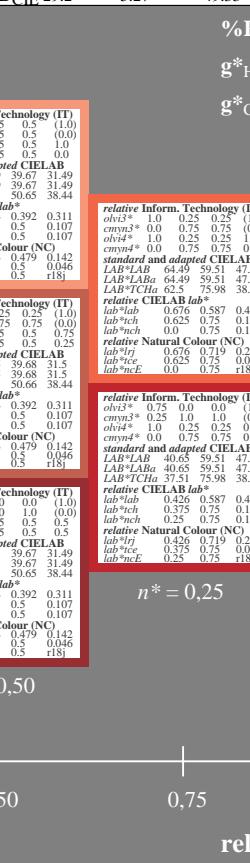
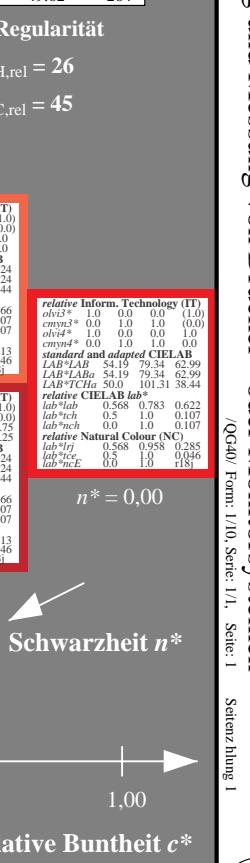
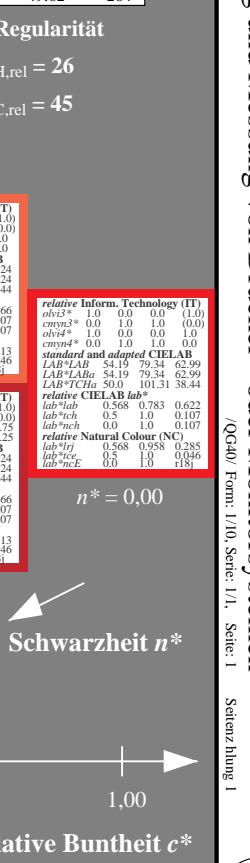
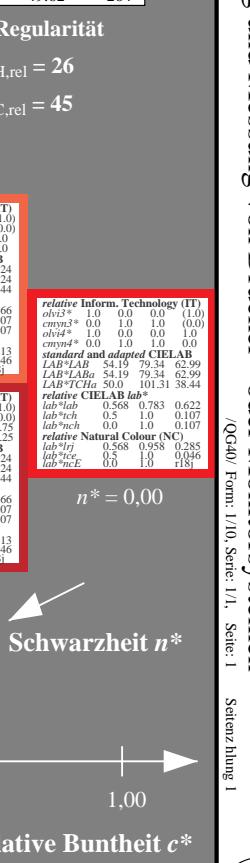
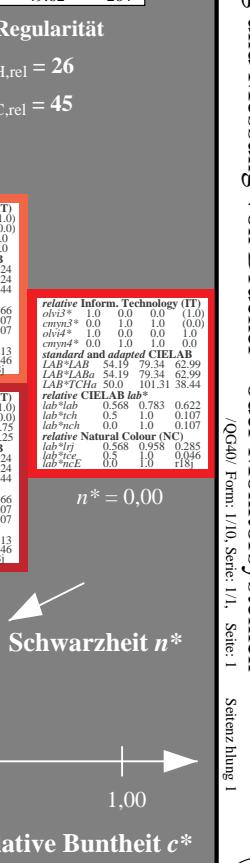
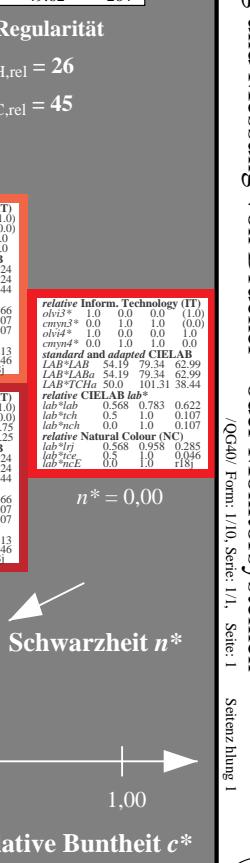
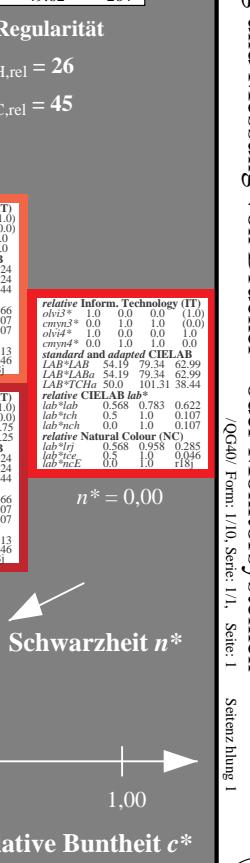
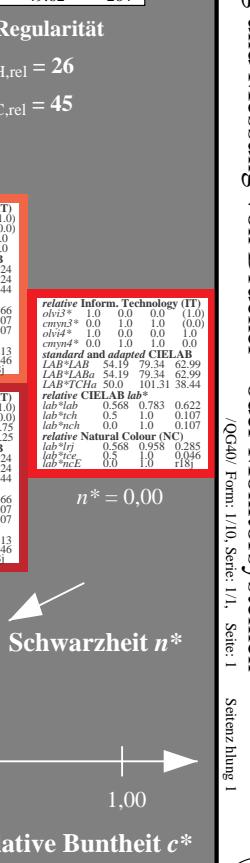
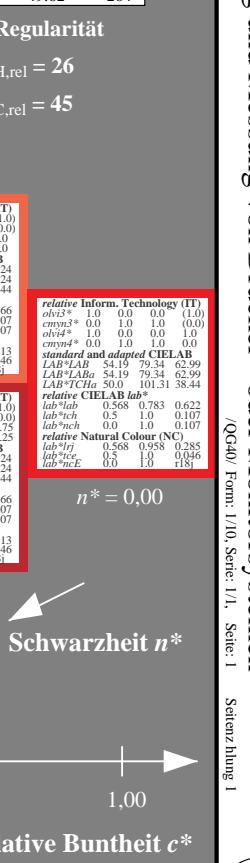
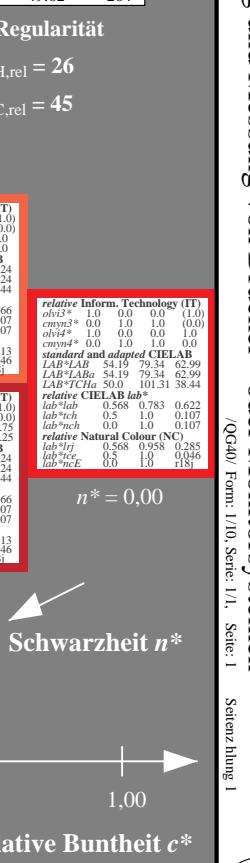
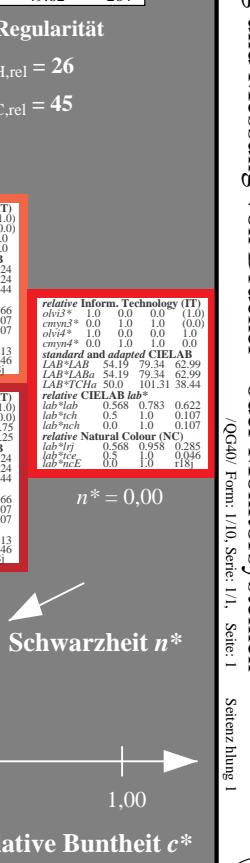
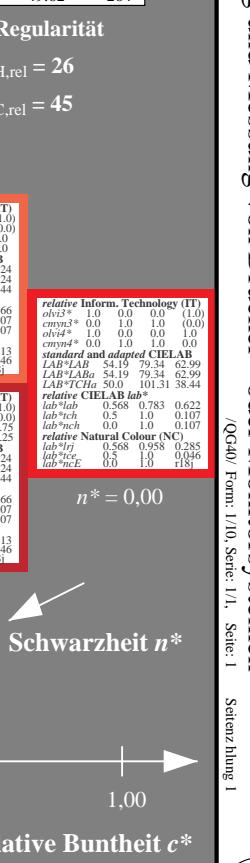
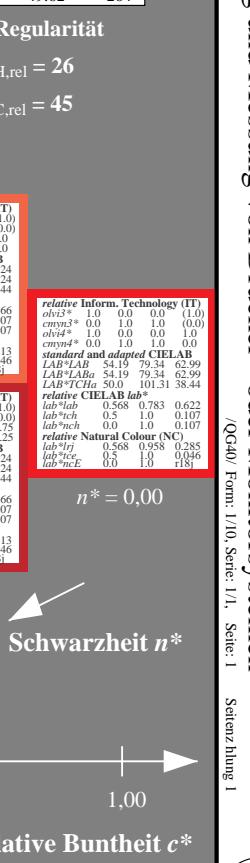
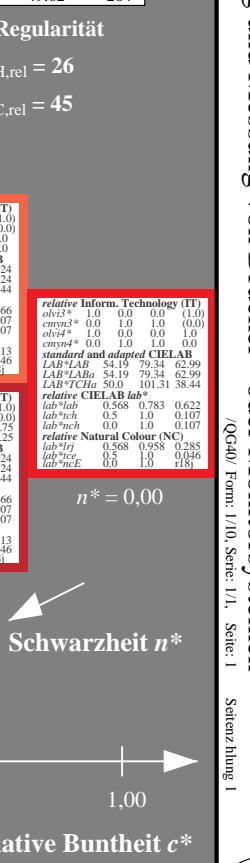
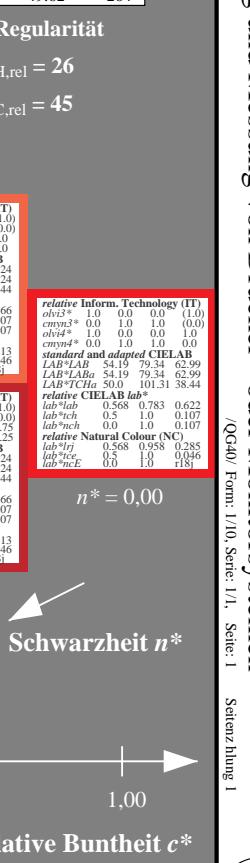
olv*Ma: 1.0 0.0 0.0

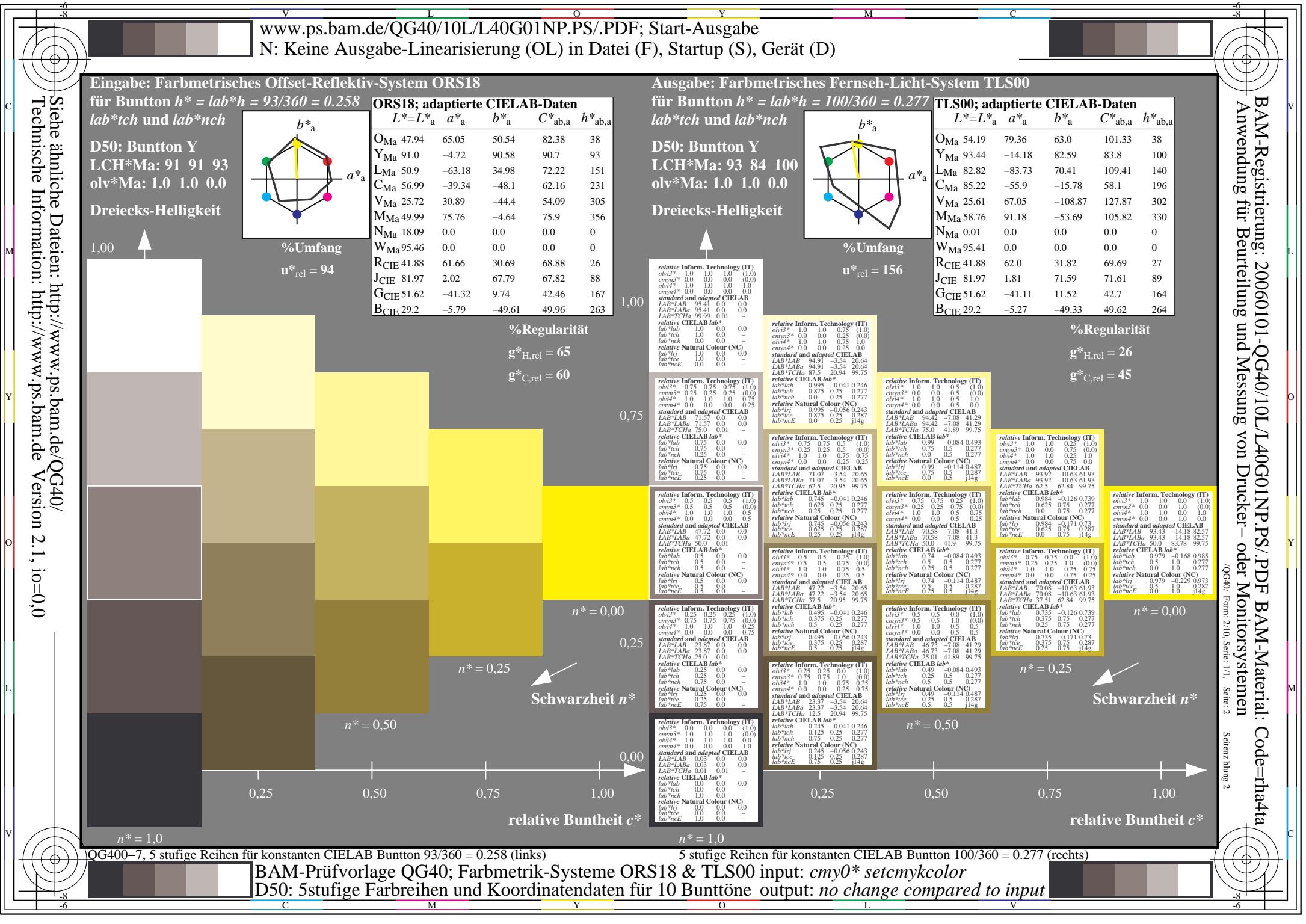
Dreiecks-Helligkeit

**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$  $n^* = 1,0$ 



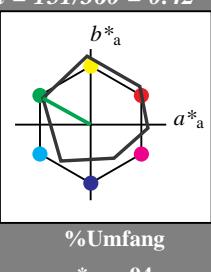
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18
für Bunnton $h^* = lab^*h = 151/360 = 0.42$
 lab^*tch und lab^*nch

D50: Bunnton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 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	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

1,00

%Umfang

 $u^*_{rel} = 94$ 

%Umfang

 $u^*_{rel} = 156$

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

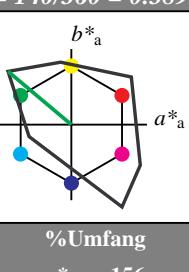
für Bunnton $h^* = lab^*h = 140/360 = 0.389$ lab^*tch und lab^*nch

D50: Bunnton L

LCH*Ma: 83 109 140

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 156$

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$

n*=0,00

0,25

0,50

0,75

1,00

n*=0,25

0,50

0,75

1,00

n*=0,50

0,75

1,00

n*=1,0

0,25

0,50

0,75

1,00</

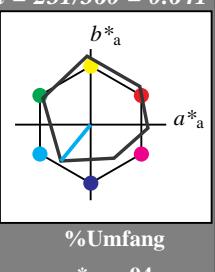
Siehe ähnliche Dateien: <http://www.ps.bam.de/QG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

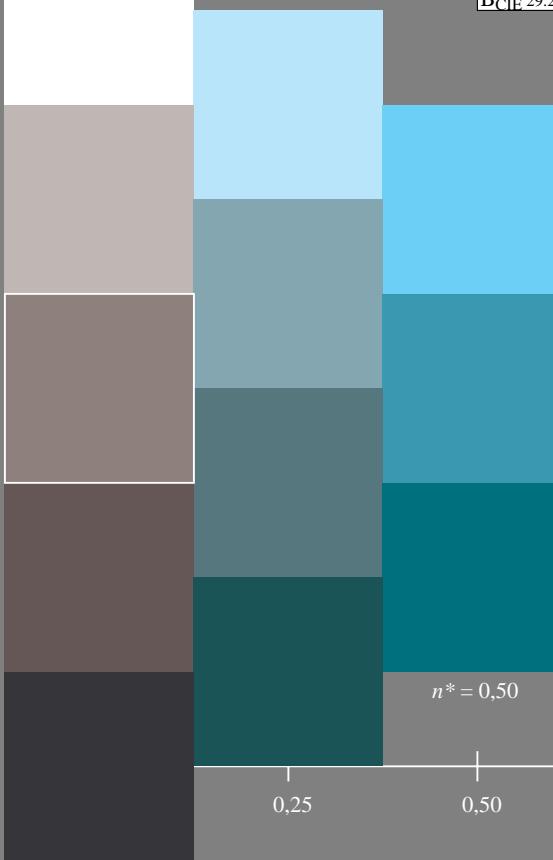
für Bunton $h^* = lab^*h = 231/360 = 0.641$
 lab^*tch und lab^*nch

D50: Bunton C
LCH*Ma: 57 62 231
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



1,00



QG40-7, 5 stufige Reihen für konstanten CIELAB Bunnton 231/360 = 0.641 (links)

BAM-Prüfvorlage QG40; Farbmétrik-Systeme ORS18 & TLS00 input: $cmy0*$ setcmykcolor

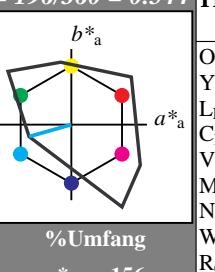
D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunntöne output: no change compared to input

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

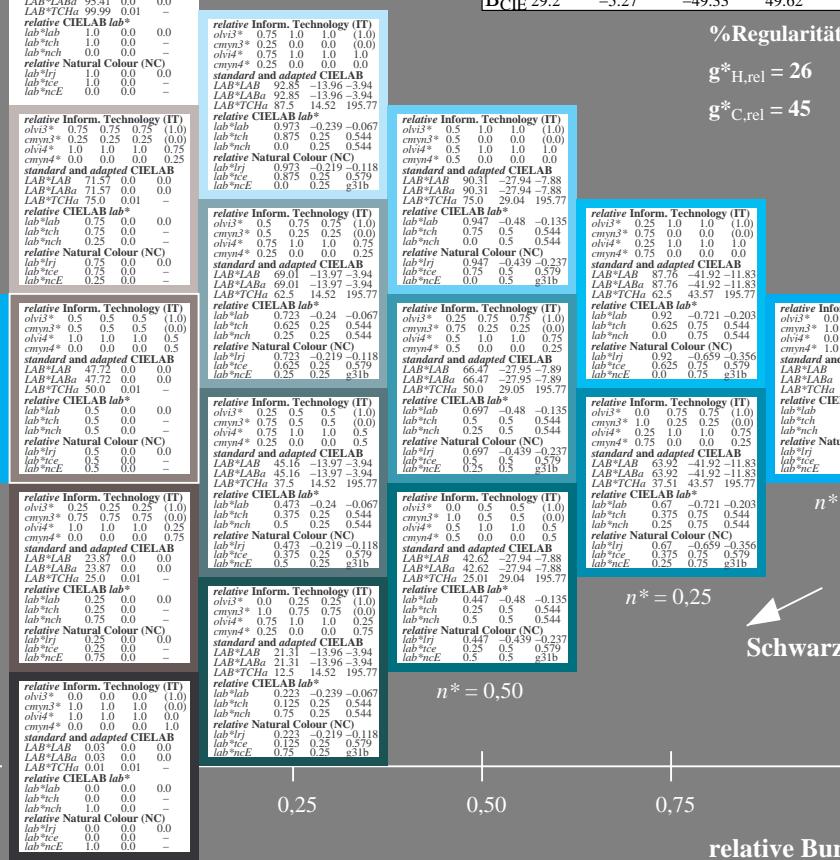
für Bunton $h^* = lab^*h = 196/360 = 0.544$
 lab^*tch und lab^*nch

D50: Bunton C
LCH*Ma: 85 58 196
olv*Ma: 0.0 1.0 1.0

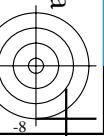
Dreiecks-Helligkeit



1,00



5 stufige Reihen für konstanten CIELAB Bunnton 196/360 = 0.544 (rechts)



C

M

Y

O

L

V

C

M

Y

O

L

V

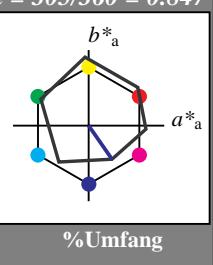
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18für Bunton $h^* = lab^*h = 305/360 = 0.847$
 lab^*tch und lab^*nch

D50: Bunton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



1,00

**ORS18; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Umfang

u*_{rel} = 94**%Regularität**g*_{H,rel} = 65g*_{C,rel} = 60

n* = 0,00

relative Inform. Technology (IT)

oliv3* 1.0 1.0 1.0 (1,0)

cmy3* 0.5 0.5 0.0 (0,0)

oliv4* 1.0 1.0 1.0

cmy4* 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 0.0 0.0 0.0

LAB*TCh 95.41 0.0 0.0

LAB*TCh 99.99 0.01

relative 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 (IT)

oliv3* 0.5 0.5 0.5 (1,0)

cmy3* 0.25 0.25 0.25 (0,0)

oliv4* 1.0 1.0 1.0

cmy4* 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*TCh 75.01 0.01

relative CIELAB lab*

lab*tch 0.75 0.0 0.0

lab*nch 0.75 0.0 0.0

lab*irj 0.0 0.0 0.0

lab*ice 0.75 0.0 0.0

lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)

oliv3* 0.5 0.5 0.5 (1,0)

cmy3* 0.5 0.5 0.0 (0,0)

oliv4* 1.0 1.0 1.0

cmy4* 0.0 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*TCh 50.0 0.01

relative CIELAB lab*

lab*tch 0.567 0.131 -0.212

lab*nch 0.875 0.25 0.838

lab*irj 0.0 0.25 0.838

lab*ice 0.875 0.25 0.827

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.5 0.5 0.5 (1,0)

cmy3* 0.5 0.5 0.0 (0,0)

oliv4* 1.0 1.0 1.0

cmy4* 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 54.11 16.76 -27.21

LAB*TCh 54.11 16.76 -27.21

LAB*TCh 54.25 16.76 -27.21

relative CIELAB lab*

lab*tch 0.567 0.131 -0.212

lab*nch 0.875 0.25 0.838

lab*irj 0.0 0.25 0.838

lab*ice 0.875 0.25 0.827

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.5 0.5 0.5 (1,0)

cmy3* 0.5 0.5 0.0 (0,0)

oliv4* 1.0 1.0 1.0

cmy4* 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 38.66 33.53 -54.43

LAB*TCh 38.66 33.53 -54.43

LAB*TCh 43.09 30.28 -81.64

relative CIELAB lab*

lab*tch 0.451 0.347 -0.664

lab*nch 0.451 0.347 -0.664

lab*irj 0.0 0.25 0.838

lab*ice 0.451 0.347 -0.664

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.25 0.25 0.25 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.5 0.5 1.0

cmy4* 0.5 0.5 0.0

standard and adapted CIELAB

LAB*LAB 60.51 33.52 -54.42

LAB*TCh 60.51 33.52 -54.42

LAB*TCh 63.92 30.16 -81.64

relative CIELAB lab*

lab*tch 0.451 0.347 -0.664

lab*nch 0.451 0.347 -0.664

lab*irj 0.0 0.25 0.838

lab*ice 0.451 0.347 -0.664

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.25 0.25 0.25 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.5 0.5 1.0

cmy4* 0.5 0.5 0.0

standard and adapted CIELAB

LAB*LAB 63.66 33.52 -54.42

LAB*TCh 63.66 33.52 -54.42

LAB*TCh 63.92 30.16 -81.64

relative CIELAB lab*

lab*tch 0.451 0.347 -0.664

lab*nch 0.451 0.347 -0.664

lab*irj 0.0 0.25 0.838

lab*ice 0.451 0.347 -0.664

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.0 0.0 0.0 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.25 0.25 0.25

cmy4* 0.5 0.5 0.838

relative Natural Colour (NC)

lab*irj 0.5 0.5 0.838

lab*ice 0.25 0.25 0.838

lab*nce 0.0 0.25 0.830

relative CIELAB lab*

lab*tch 0.0 0.131 -0.212

lab*nch 0.375 0.25 0.838

lab*irj 0.25 0.5 0.838

lab*ice 0.375 0.5 0.838

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.25 0.25 0.25 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.5 0.5 1.0

cmy4* 0.5 0.5 0.0

standard and adapted CIELAB

LAB*LAB 12.82 33.52 -54.42

LAB*TCh 12.82 33.52 -54.42

LAB*TCh 12.82 33.52 -54.42

relative CIELAB lab*

lab*tch 0.134 0.262 -0.425

lab*nch 0.25 0.5 0.838

lab*irj 0.25 0.5 0.838

lab*ice 0.134 0.262 -0.425

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.0 0.0 0.0 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.25 0.25 0.25

cmy4* 0.5 0.5 0.838

relative Natural Colour (NC)

lab*irj 0.134 0.262 -0.425

lab*ice 0.0 0.25 0.838

lab*nce 0.0 0.25 0.830

relative CIELAB lab*

lab*tch 0.067 0.116 -0.221

lab*nch 0.75 0.25 0.830

lab*irj 0.067 0.116 -0.221

lab*ice 0.0 0.25 0.830

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.25 0.25 0.25 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.5 0.5 1.0

cmy4* 0.5 0.5 0.0

standard and adapted CIELAB

LAB*LAB 6.42 16.76 -27.2

LAB*TCh 6.42 16.76 -27.2

LAB*TCh 6.42 16.76 -27.2

relative CIELAB lab*

lab*tch 0.067 0.116 -0.221

lab*nch 0.75 0.25 0.830

lab*irj 0.067 0.116 -0.221

lab*ice 0.0 0.25 0.830

lab*nce 0.0 0.25 0.830

relative Inform. Technology (IT)

oliv3* 0.0 0.0 0.0 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.25 0.25 0.25

cmy4* 0.5 0.5 0.838

relative Natural Colour (NC)

lab*irj 0.134 0.262 -0.425

lab*ice 0.0 0.25 0.838

lab*nce 0.0 0.25 0.830

relative CIELAB lab*

lab*tch 0.067 0.116 -0.221

lab*nch 0.75 0.25 0.830

lab*irj 0.067 0.116 -0.221

lab*ice 0.0 0.25 0.830

lab*nce 0.0 0.25 0.830

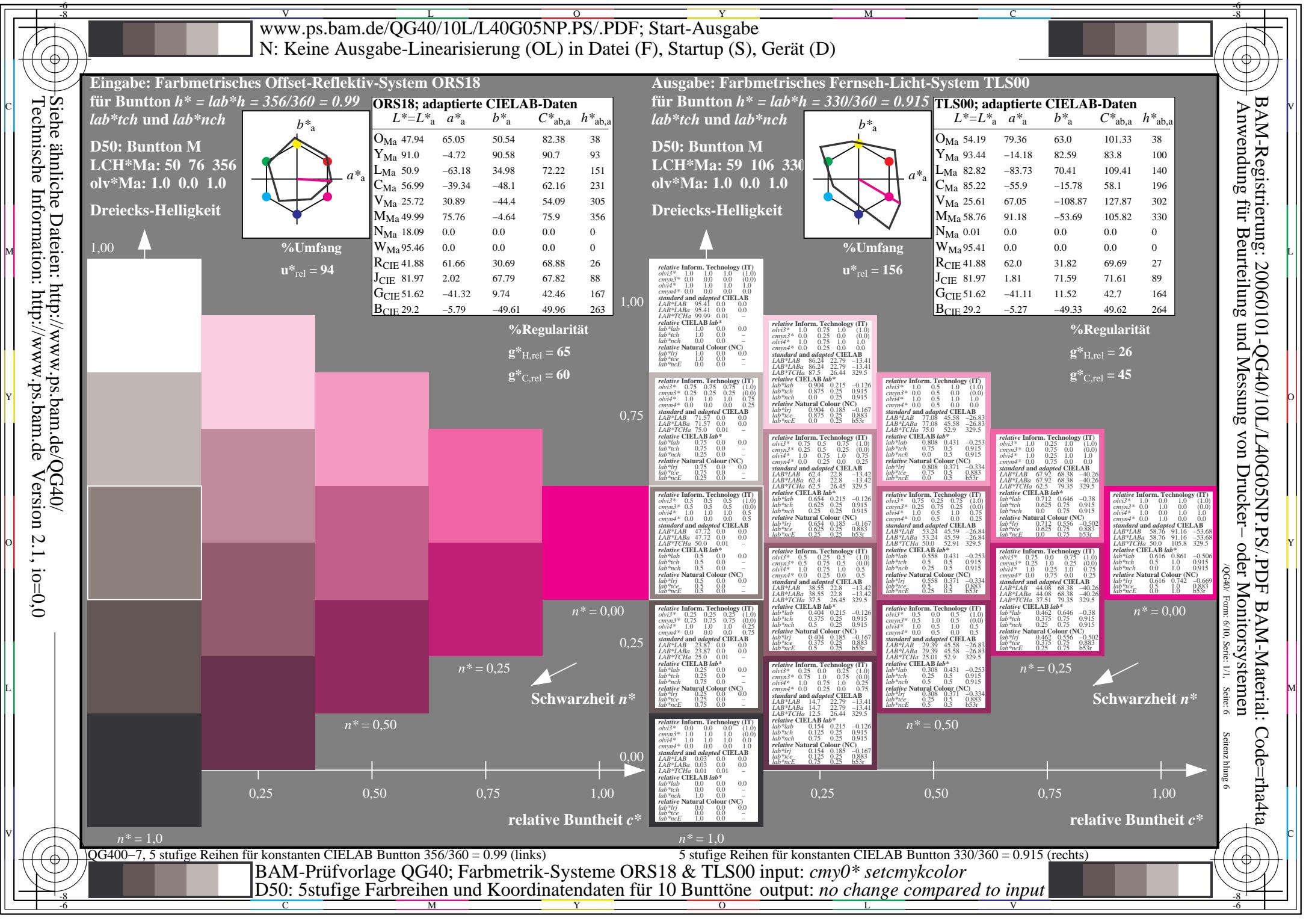
relative Inform. Technology (IT)

oliv3* 0.25 0.25 0.25 (1,0)

cmy3* 0.75 0.75 0.0 (0,0)

oliv4* 0.5 0.5 1.0

cmy4* 0.5 0.5 0.0



$n^* = 0,00$

Schwarzheit n^*

$n^* = 0,50$

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

$n^* = 0,00$

Schwarzheit n^*

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,00$

Schwarzheit n^*

$n^* = 0,25$

$n^* = 0,50$

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & TLS00 input: $cmy0*$ setcmykcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

5 stufige Reihen für konstanten CIELAB Bunnton 26/360 = 0.074 (links)

5 stufige Reihen für konstanten CIELAB Bunnton 27/360 = 0.075 (rechts)

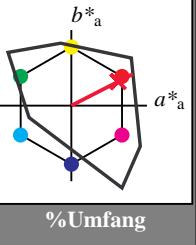
QG40-7, 5 stufige Reihen für konstanten CIELAB Bunnton 26/360 = 0.074 (links)

QG40-7, 5 stufige Reihen für konstanten CIELAB Bunnton 27/360 = 0.075 (rechts)

Ausgabe: Farbmatrik-Fernseh-Licht-System TLS00

für Bunnton $h^* = lab^*h = 27/360 = 0.075$

lab^*tch und lab^*nch

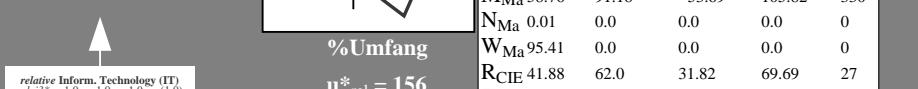


D50: Bunnton R

LCH*Ma: 49 76 26

olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten

$L^* = L^*_a \quad a^*_{ab,a} \quad b^*_{ab,a} \quad C^*_{ab,a} \quad h^*_{ab,a}$

O_{Ma} 47.94 65.05 50.54 82.38 38

Y_{Ma} 91.0 -4.72 90.58 90.7 93

L_{Ma} 50.9 -63.18 34.98 72.22 151

C_{Ma} 56.99 -39.34 -48.1 62.16 231

V_{Ma} 25.72 30.89 -44.4 54.09 305

M_{Ma} 49.99 75.76 -4.64 75.9 356

N_{Ma} 18.09 0.0 0.0 0.0 0

W_{Ma} 95.46 0.0 0.0 0.0 0

R_{CIE} 41.88 61.66 30.69 68.88 26

J_{CIE} 81.97 2.02 67.79 67.82 88

G_{CIE} 51.62 -41.32 9.74 42.46 167

B_{CIE} 29.2 -5.79 -49.61 49.96 263

ORS18; adaptierte CIELAB-Daten

$L^* = L^*_a \quad a^*_{ab,a} \quad b^*_{ab,a} \quad C^*_{ab,a} \quad h^*_{ab,a}$

O_{Ma} 47.94 65.05 50.54 82.38 38

Y_{Ma} 91.0 -4.72 90.58 90.7 93

L_{Ma} 50.9 -63.18 34.98 72.22 151

C_{Ma} 56.99 -39.34 -48.1 62.16 231

V_{Ma} 25.72 30.89 -44.4 54.09 305

M_{Ma} 49.99 75.76 -4.64 75.9 356

N_{Ma} 18.09 0.0 0.0 0.0 0

W_{Ma} 95.46 0.0 0.0 0.0 0

R_{CIE} 41.88 61.66 30.69 68.88 26

J_{CIE} 81.97 2.02 67.79 67.82 88

G_{CIE} 51.62 -41.32 9.74 42.46 167

B_{CIE} 29.2 -5.79 -49.61 49.96 263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

%Regularität

$n^* = 0,00$

$n^* = 0,25$

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%Regularität

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$n^* = 0,50$

%Regularität

$n^* = 0,00$

$n^* = 0,25$

C

M

M

Y

O

L

V

C

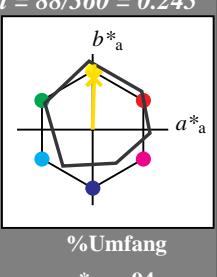
Eingabe: Farbmatrik-Offset-Reflektiv-System ORS18für Bunnton $h^* = lab^*h = 88/360 = 0.245$
 lab^*tch und lab^*nch

D50: Bunnton J

LCH*Ma: 86 86 88

olv*Ma: 1.0 0.9 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	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

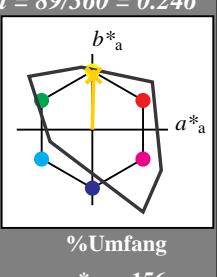
**Ausgabe: Farbmatrik-Fernseh-Licht-System TLS00**für Bunnton $h^* = lab^*h = 89/360 = 0.246$ lab^*tch und lab^*nch

D50: Bunnton J

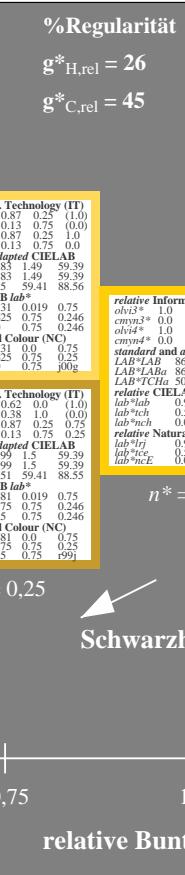
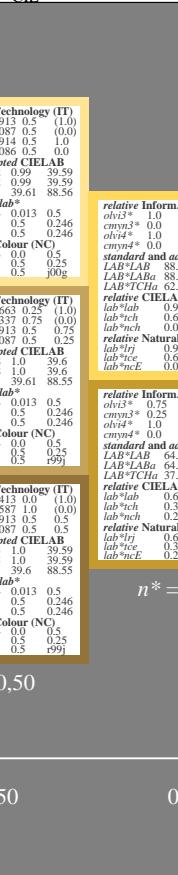
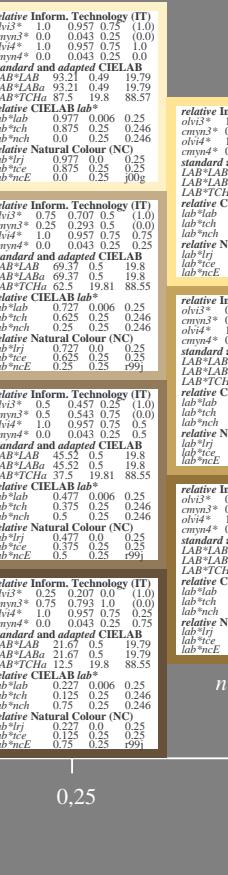
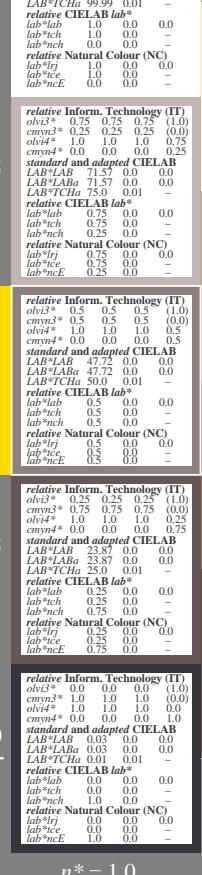
LCH*Ma: 87 79 89

olv*Ma: 1.0 0.83 0.0

Dreiecks-Helligkeit

**TLS00; adaptierte CIELAB-Daten**

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

 $n^* = 1,0$

5 stufige Reihen für konstanten CIELAB Bunnton 89/360 = 0.246 (rechts)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & TLS00 input: cmy0* setcmykcolor
D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunntöne output: no change compared to input

C

M

M

Y

O

L

V

-8

-6

C

M

Y

O

L

V

-8

-6

Eingabe: Farbmatrik-Offset-Reflektiv-System ORS18

für Bunnton $h^* = lab^*h = 167/360 = 0.463$

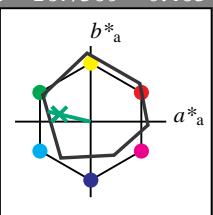
 lab^*tch und lab^*nch

D50: Bunnton G

LCH*Ma: 52 59 167

olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit

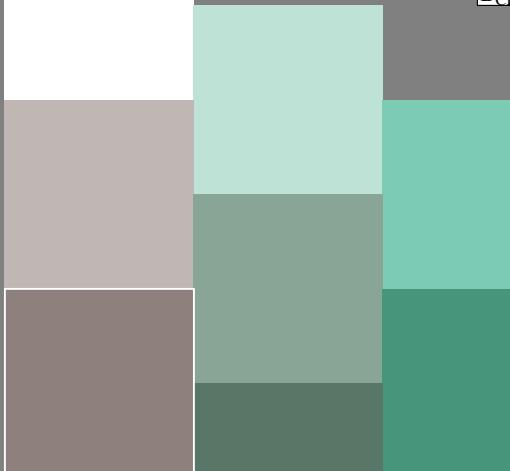


ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263



%Umfang

 $u^*_{rel} = 94$  $n^* = 0,50$ $n^* = 0,25$ $n^* = 0,00$ $n^* = 0,00$ relative Buntheit c^* $n^* = 1,0$ relative Buntheit c^* $n^* = 1,0$

Ausgabe: Farbmatrik-Fernseh-Licht-System TLS00

für Bunnton $h^* = lab^*h = 164/360 = 0.457$

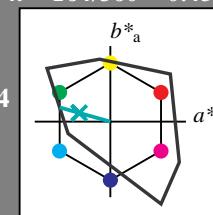
 lab^*tch und lab^*nch

D50: Bunnton G

LCH*Ma: 84 70 164

olv*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 156$

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

	$relative\ Inform.\ Technology\ (IT)$	$oliv^3*$	$oliv^2*$	$oliv^1*$	cmy^3*	cmy^2*	cmy^1*	$standard\ and\ adapted\ CIELAB$	LAB^*LAB	LAB^*LABa	LAB^*LABb	LAB^*TCh
$oliv^3*$	1.0	1.0	1.0	(1.0)	0.0	0.0	0.0	0.0	97.6	92.61	-16.754.69	87.75
cmy^3*	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	89.83	83.52	9.39	84.82
$oliv^2*$	1.0	1.0	1.0	(0.0)	0.0	0.0	0.0	0.0	87.04	82.59	14.09	87.04
cmy^2*	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	84.82	80.29	14.09	84.82
$oliv^1*$	1.0	1.0	1.0	(0.0)	0.0	0.0	0.0	0.0	82.59	79.04	14.09	82.59
cmy^1*	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	80.29	76.04	14.09	80.29
$standard\ and\ adapted\ CIELAB$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.29	76.04	14.09	80.29
LAB^*LAB	71.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.29	76.04	14.09	80.29
LAB^*LABa	71.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.29	76.04	14.09	80.29
LAB^*LABb	71.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.29	76.04	14.09	80.29
LAB^*TCh	75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.29	76.04	14.09	80.29

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Natural Colour (NC)

 $lab^*lrg = 0.0$ $lab^*rc = 0.0$ $lab^*ncE = 0.0$

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Inform. Technology (IT)

 $oliv^3*$ $oliv^2*$ $oliv^1*$ cmy^3* cmy^2* cmy^1*

standard and adapted CIELAB

 LAB^*LAB LAB^*LABa LAB^*LABb LAB^*TCh

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Natural Colour (NC)

 $lab^*lrg = 0.0$ $lab^*rc = 0.0$ $lab^*ncE = 0.0$

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Inform. Technology (IT)

 $oliv^3*$ $oliv^2*$ $oliv^1*$ cmy^3* cmy^2* cmy^1*

standard and adapted CIELAB

 LAB^*LAB LAB^*LABa LAB^*LABb LAB^*TCh

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Natural Colour (NC)

 $lab^*lrg = 0.0$ $lab^*rc = 0.0$ $lab^*ncE = 0.0$

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Inform. Technology (IT)

 $oliv^3*$ $oliv^2*$ $oliv^1*$ cmy^3* cmy^2* cmy^1*

standard and adapted CIELAB

 LAB^*LAB LAB^*LABa LAB^*LABb LAB^*TCh

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Natural Colour (NC)

 $lab^*lrg = 0.0$ $lab^*rc = 0.0$ $lab^*ncE = 0.0$

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Inform. Technology (IT)

 $oliv^3*$ $oliv^2*$ $oliv^1*$ cmy^3* cmy^2* cmy^1*

standard and adapted CIELAB

 LAB^*LAB LAB^*LABa LAB^*LABb LAB^*TCh

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Natural Colour (NC)

 $lab^*lrg = 0.0$ $lab^*rc = 0.0$ $lab^*ncE = 0.0$

relative CIELAB lab*

 $lab^*lab = 0.0$ $lab^*tch = 0.0$ $lab^*nch = 0.0$

relative Inform. Technology (IT)

 $oliv^3*$ $oliv^2*$ $oliv^1*$ cmy^3* cmy^2* cmy^1*

standard and adapted CIELAB

 LAB^*LAB LAB^*LABa LAB^*LABb LAB^*TCh $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ $n^* = 0,75$ $n^* = 1,00$ $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ $n^* = 0,75$ $n^* = 1,00$ $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ $n^* = 0,75$ $n^* = 1,00$ $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ $n^* = 0,75$ $n^* = 1,00$ n

