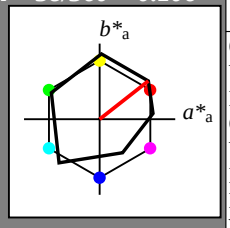
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 38/360 = 0.106*
*lab*tch* und *lab*nch*

A: Buntton O
LCH*Ma: 48 82 38
olv*Ma: 1.0 0.0 0.0

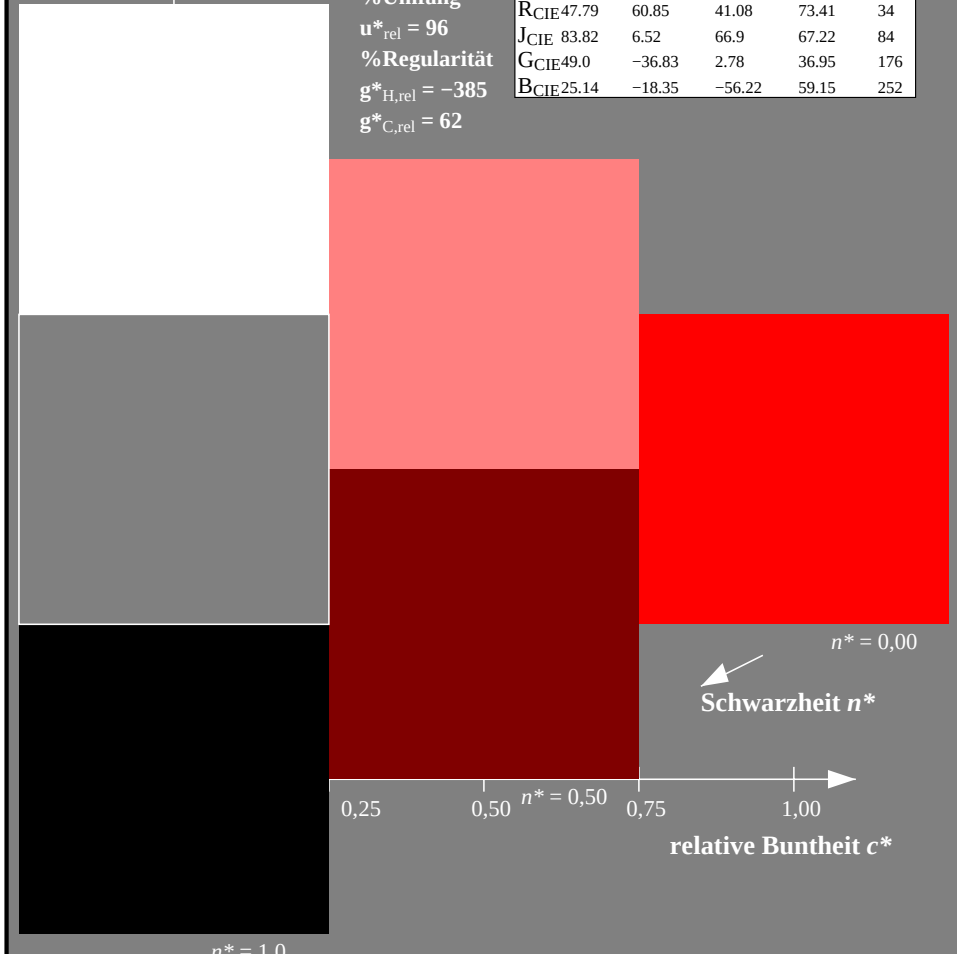
Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62

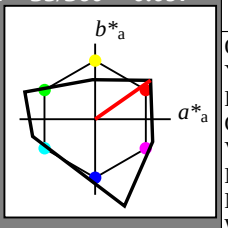


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 35/360 = 0.097*
*lab*tch* und *lab*nch*

A: Buntton O
LCH*Ma: 66 90 35
olv*Ma: 1.0 0.0 0.0

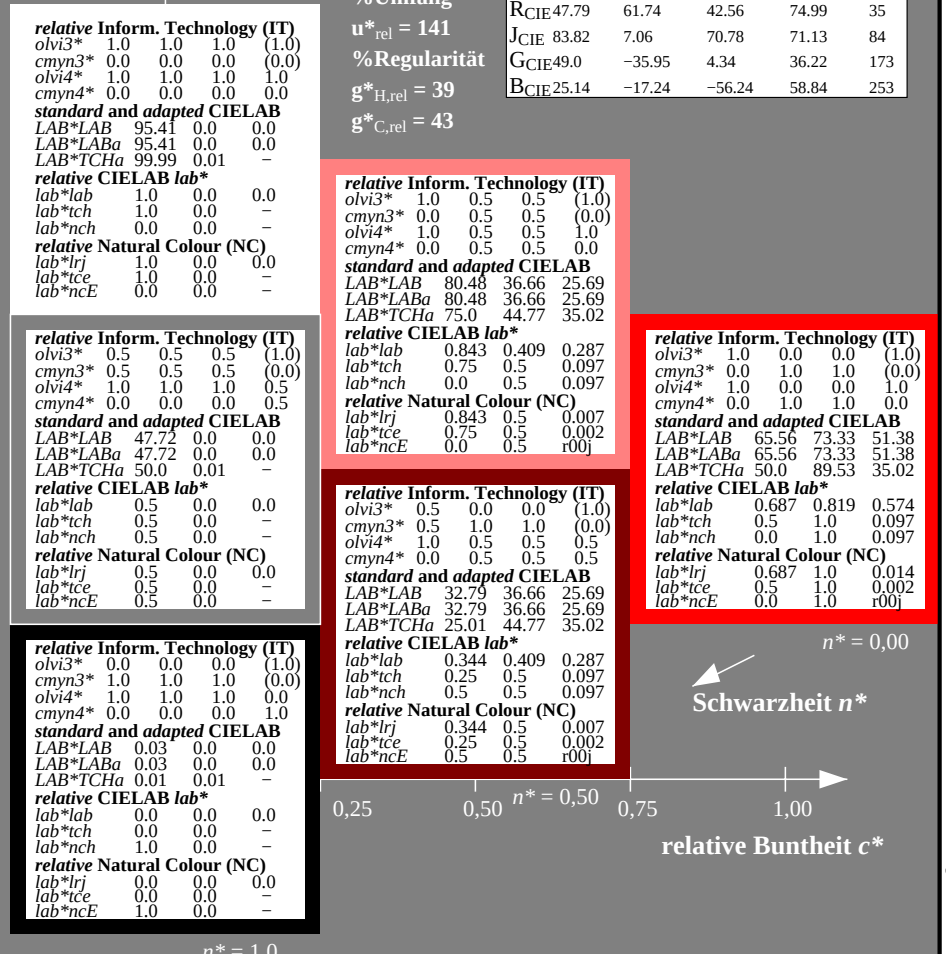
Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43

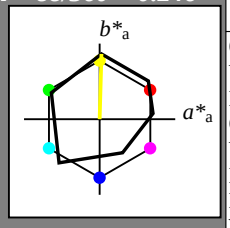


RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.106 (links)
3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 88/360 = 0.246*
lab*tch* und *lab*nch

A: Buntton Y
LCH*Ma: 93 86 88
olv*Ma: 1.0 1.0 0.0

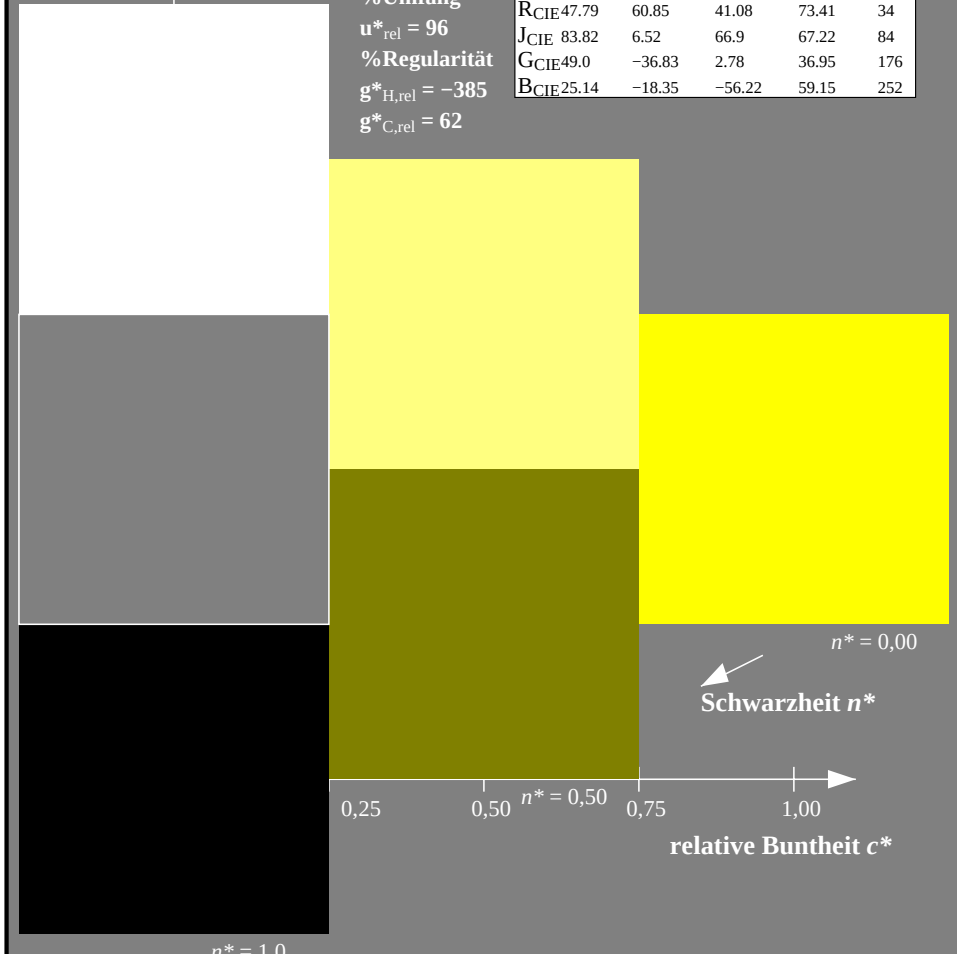
Dreiecks-Helligkeit *t**



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

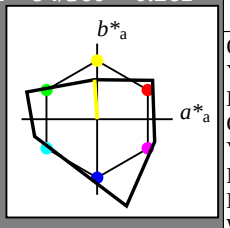
%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 94/360 = 0.261*
lab*tch* und *lab*nch

A: Buntton Y
LCH*Ma: 95 52 94
olv*Ma: 1.0 1.0 0.0

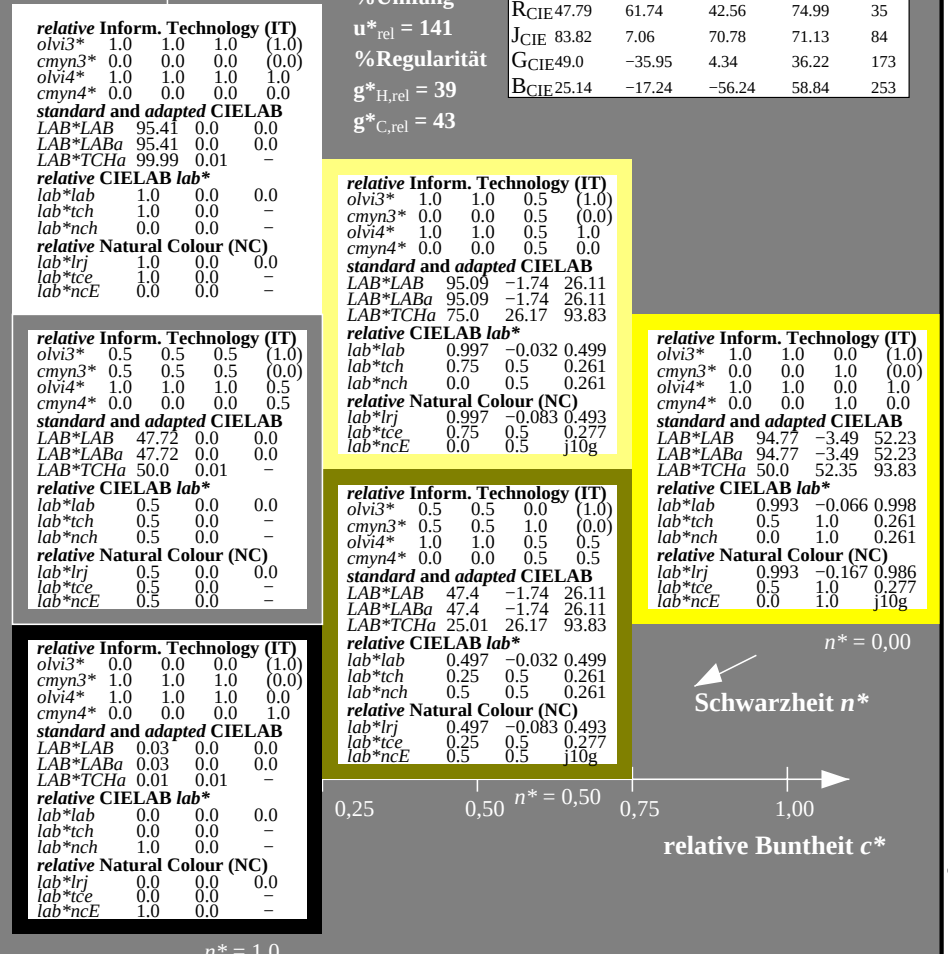
Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43

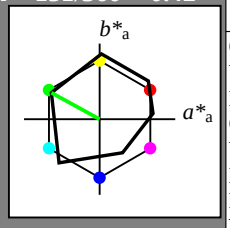


RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 88/360 = 0.246 (links)
3 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 151/360 = 0.42*
lab*tch* und *lab*nch

A: Buntton L
LCH*Ma: 51 73 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62

***relative* Inform. Technology (IT)**

*olvi3**	1.0	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	0.0	(0.0)
*olvi4**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	95.41	0.0	0.0
*LAB*LABa*	95.41	0.0	0.0
*LAB*TCHa*	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab*	1.0	0.0	0.0
*lab*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olvi4**	1.0	1.0	1.0	0.5
*cmyn4**	0.0	0.0	0.0	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	47.72	0.0	0.0
*LAB*LABa*	47.72	0.0	0.0
*LAB*TCHa*	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.5	0.0	0.0
*lab*tch*	0.5	0.0	–
*lab*nch*	0.5	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.5	0.0	0.0
*lab*tce*	0.5	0.0	–
*lab*ncE*	0.5	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.0	0.0	(1.0)
*cmyn3**	1.0	1.0	1.0	(0.0)
*olvi4**	1.0	1.0	1.0	0.0
*cmyn4**	0.0	0.0	0.0	1.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	0.03	0.0	0.0
*LAB*LABa*	0.03	0.0	0.0
*LAB*TCHa*	0.01	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.0	0.0	0.0
*lab*tch*	0.0	0.0	–
*lab*nch*	1.0	0.0	–

***relative* Natural Colour (NC)**

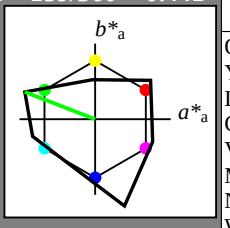
*lab*lrj*	0.0	0.0	0.0
*lab*tce*	0.0	0.0	–
*lab*ncE*	1.0	0.0	–

n = 0,00*
Schwarzheit *n**
n = 0,50*
0,25 0,50 0,75 1,00
relative Buntheit *c**
n = 1,0*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 159/360 = 0.441*
lab*tch* und *lab*nch

A: Buntton L
LCH*Ma: 77 100 159
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43

***relative* Inform. Technology (IT)**

*olvi3**	0.5	1.0	0.5	(1.0)
*cmyn3**	0.5	0.0	0.5	(0.0)
*olvi4**	0.5	1.0	0.5	1.0
*cmyn4**	0.5	0.0	0.5	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	86.44	−46.47	18.0
*LAB*LABa*	86.44	−46.47	18.0
*LAB*TCHa*	75.0	49.84	158.83

relative* CIELAB *lab*

*lab*lab*	0.906	−0.465	0.18
*lab*tch*	0.75	0.5	0.441
*lab*nch*	0.0	0.5	0.441

***relative* Natural Colour (NC)**

*lab*lrj*	0.906	−0.483	0.125
*lab*tce*	0.75	0.5	0.46
*lab*ncE*	0.0	0.5	j83g

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.5	0.0	(1.0)
*cmyn3**	1.0	0.5	1.0	(0.0)
*olvi4**	0.5	1.0	0.5	0.5
*cmyn4**	0.5	0.0	0.5	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	38.75	−46.47	18.0
*LAB*LABa*	38.75	−46.47	18.0
*LAB*TCHa*	25.01	49.84	158.83

relative* CIELAB *lab*

*lab*lab*	0.406	−0.465	0.18
*lab*tch*	0.25	0.5	0.441
*lab*nch*	0.5	0.5	0.441

***relative* Natural Colour (NC)**

*lab*lrj*	0.406	−0.483	0.125
*lab*tce*	0.25	0.5	0.46
*lab*ncE*	0.5	0.5	j83g

***relative* Inform. Technology (IT)**

*olvi3**	0.0	1.0	0.0	(1.0)
*cmyn3**	1.0	0.0	1.0	(0.0)
*olvi4**	0.0	1.0	0.0	1.0
*cmyn4**	0.0	0.0	1.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	77.47	−92.95	35.99
*LAB*LABa*	77.47	−92.95	35.99
*LAB*TCHa*	50.0	99.69	158.83

relative* CIELAB *lab*

*lab*lab*	0.812	−0.931	0.361
*lab*tch*	0.5	1.0	0.441
*lab*nch*	0.0	1.0	0.441

***relative* Natural Colour (NC)**

*lab*lrj*	0.812	−0.967	0.25
*lab*tce*	0.5	1.0	0.46
*lab*ncE*	0.0	1.0	j83g

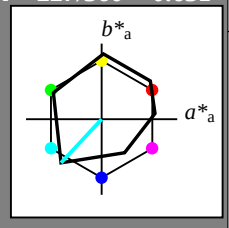
n = 0,00*
Schwarzheit *n**
n = 0,50*
0,25 0,50 0,75 1,00
relative Buntheit *c**
n = 1,0*

RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)
3 stufige Reihen für konstanten CIELAB Buntton 159/360 = 0.441 (rechts)

BAM-Prüfvorlage RG00; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 227/360 = 0.631*
lab*tch* und *lab*nch

A: Buntton C
LCH*Ma: 51 79 227
olv*Ma: 0.0 1.0 1.0

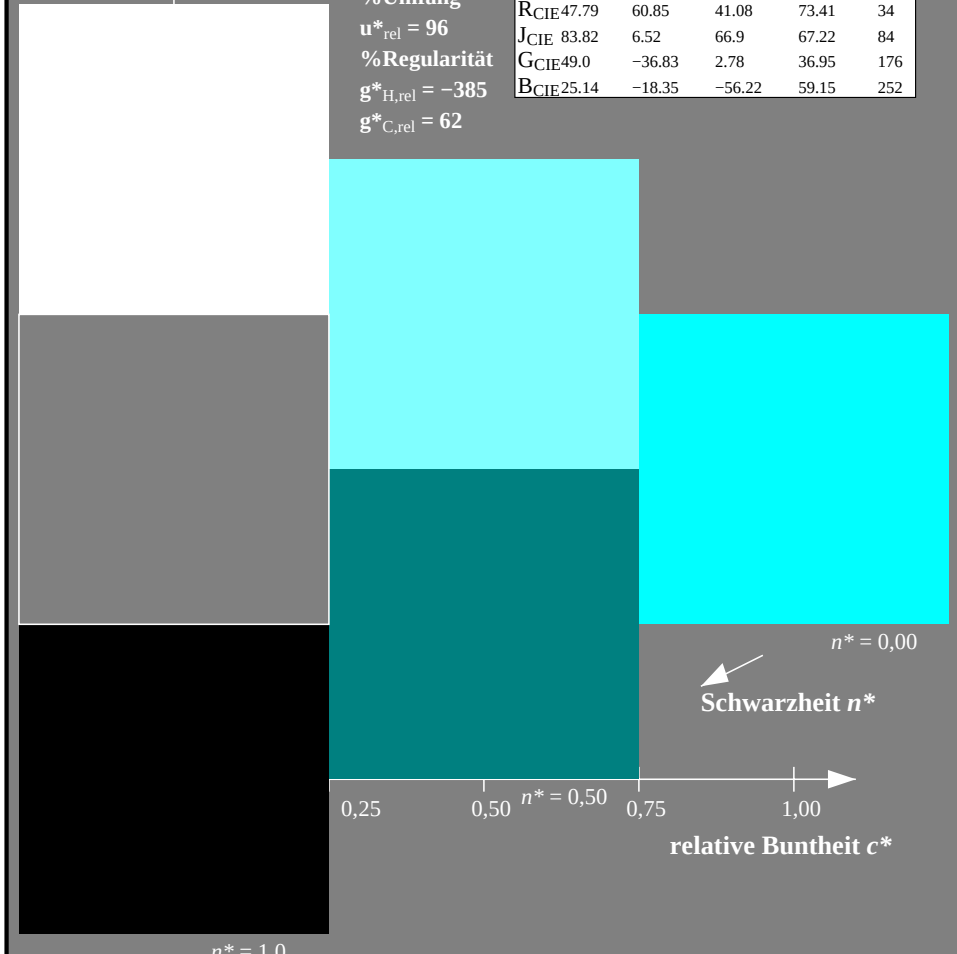


ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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

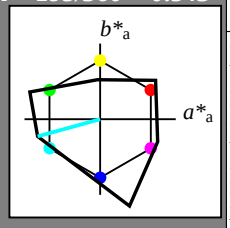
Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 195/360 = 0.543*
lab*tch* und *lab*nch

A: Buntton C
LCH*Ma: 78 86 195
olv*Ma: 0.0 1.0 1.0

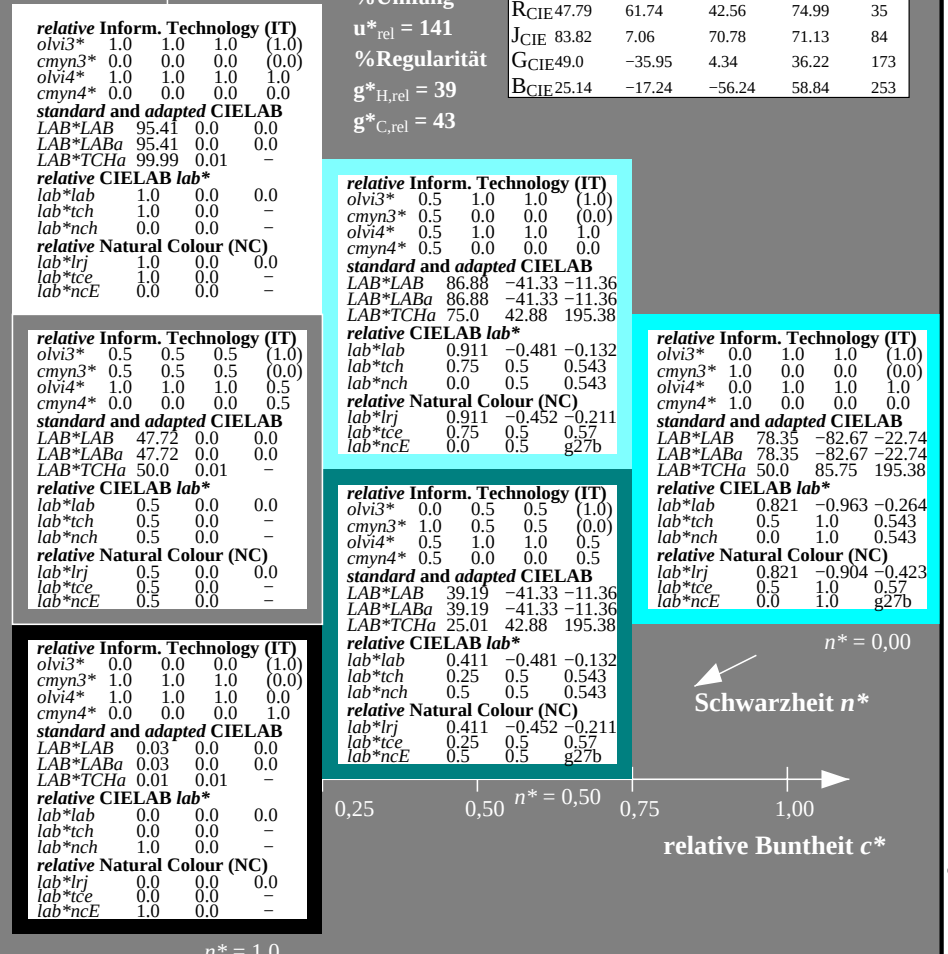


TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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

Dreiecks-Helligkeit *t**

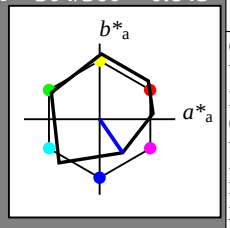
%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43



RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 227/360 = 0.631 (links)
3 stufige Reihen für konstanten CIELAB Buntton 195/360 = 0.543 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 304/360 = 0.845*
lab*tch* und *lab*nch

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



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

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62

***relative* Inform. Technology (IT)**

*olvi3**	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	(0.0)
*olvi4**	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	95.41	0.0	0.0
*LAB*LABa*	95.41	0.0	0.0
*LAB*TCHa*	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab*	1.0	0.0	0.0
*lab*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.5	0.5 (1.0)
*cmyn3**	0.5	0.5	0.5 (0.0)
*olvi4**	1.0	1.0	1.0 0.5
*cmyn4**	0.0	0.0	0.0 0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	47.72	0.0	0.0
*LAB*LABa*	47.72	0.0	0.0
*LAB*TCHa*	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.5	0.0	0.0
*lab*tch*	0.5	0.0	–
*lab*nch*	0.5	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.5	0.0	0.0
*lab*tce*	0.5	0.0	–
*lab*ncE*	0.5	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.0	0.0 (1.0)
*cmyn3**	1.0	1.0	1.0 (0.0)
*olvi4**	1.0	1.0	1.0 0.0
*cmyn4**	0.0	0.0	0.0 1.0

***standard* and *adapted* CIELAB**

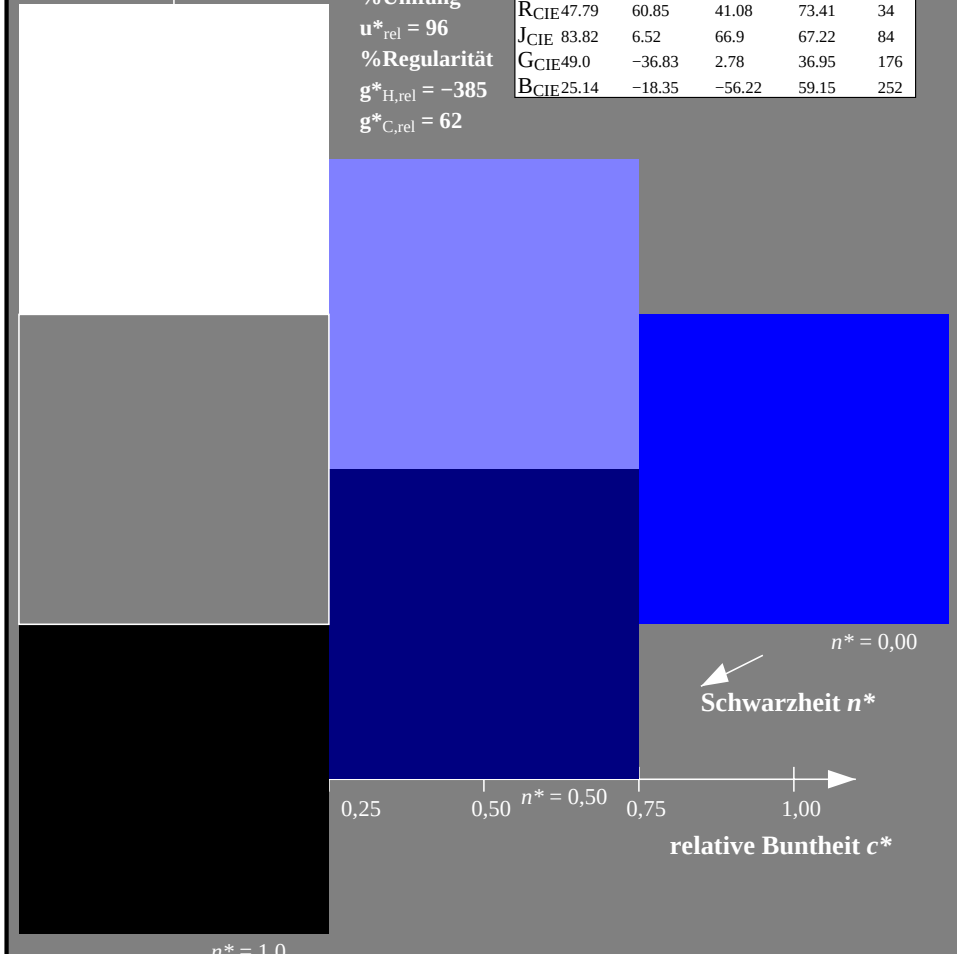
*LAB*LAB*	0.03	0.0	0.0
*LAB*LABa*	0.03	0.0	0.0
*LAB*TCHa*	0.01	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.0	0.0	0.0
*lab*tch*	0.0	0.0	–
*lab*nch*	1.0	0.0	–

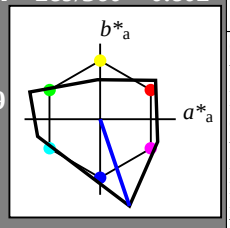
***relative* Natural Colour (NC)**

*lab*lrj*	0.0	0.0	0.0
*lab*tce*	0.0	0.0	–
*lab*ncE*	1.0	0.0	–



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 289/360 = 0.802*
lab*tch* und *lab*nch

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



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

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43

***relative* Inform. Technology (IT)**

*olvi3**	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	(0.0)
*olvi4**	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	95.41	0.0	0.0
*LAB*LABa*	95.41	0.0	0.0
*LAB*TCHa*	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab*	1.0	0.0	0.0
*lab*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.5	1.0 (1.0)
*cmyn3**	0.5	0.5	0.0 (0.0)
*olvi4**	0.5	0.5	1.0 1.0
*cmyn4**	0.5	0.5	0.0 0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	53.98	19.4	−57.39
*LAB*LABa*	53.98	19.4	−57.39
*LAB*TCHa*	75.0	60.59	288.68

relative* CIELAB *lab*

*lab*lab*	0.566	0.16	−0.473
*lab*tch*	0.75	0.5	0.802
*lab*nch*	0.0	0.5	0.802

***relative* Natural Colour (NC)**

*lab*lrj*	0.566	0.193	−0.46
*lab*tce*	0.75	0.5	0.813
*lab*ncE*	0.0	0.5	b25r

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.0	0.5 (1.0)
*cmyn3**	1.0	1.0	0.5 (0.0)
*olvi4**	0.5	0.5	1.0 0.5
*cmyn4**	0.5	0.5	0.0 0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	6.29	19.4	−57.39
*LAB*LABa*	6.29	19.4	−57.39
*LAB*TCHa*	25.01	60.59	288.68

relative* CIELAB *lab*

*lab*lab*	0.066	0.16	−0.473
*lab*tch*	0.25	0.5	0.802
*lab*nch*	0.5	0.5	0.802

***relative* Natural Colour (NC)**

*lab*lrj*	0.066	0.193	−0.46
*lab*tce*	0.25	0.5	0.813
*lab*ncE*	0.5	0.5	b25r

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.0	1.0 (1.0)
*cmyn3**	1.0	1.0	0.0 (0.0)
*olvi4**	0.0	0.0	1.0 1.0
*cmyn4**	1.0	1.0	0.0 0.0

***standard* and *adapted* CIELAB**

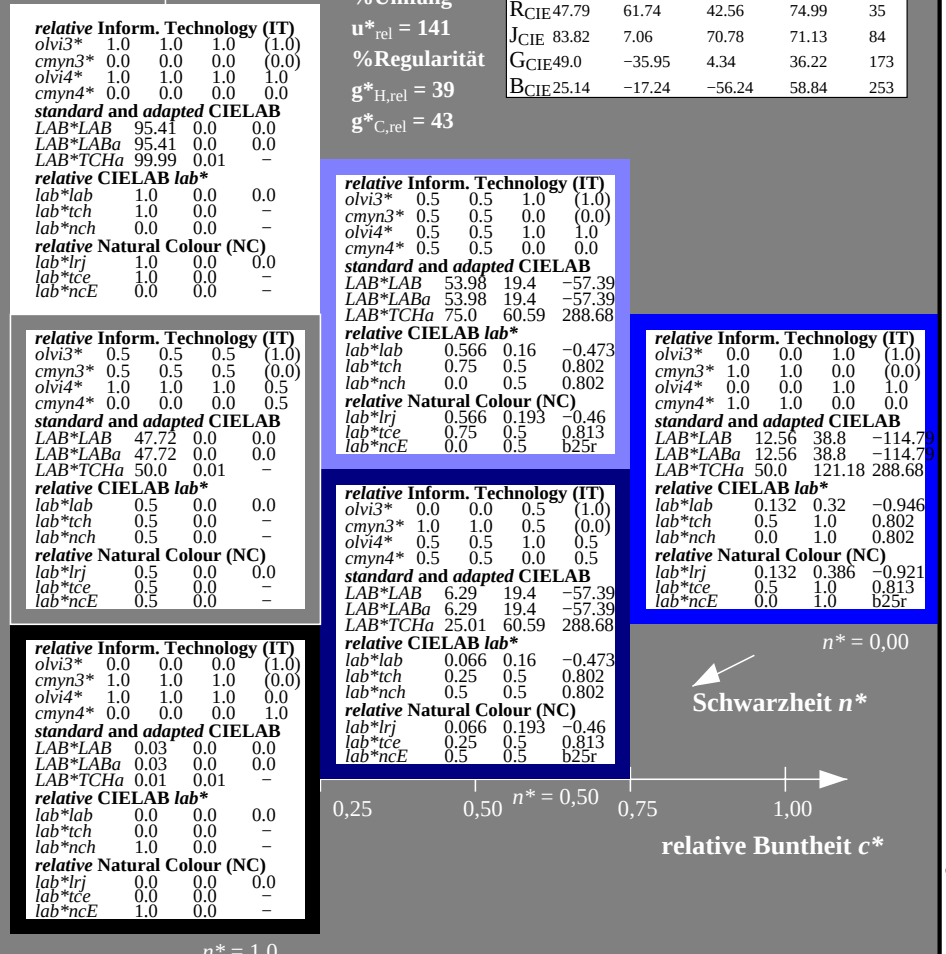
*LAB*LAB*	12.56	38.8	−114.79
*LAB*LABa*	12.56	38.8	−114.79
*LAB*TCHa*	50.0	121.18	288.68

relative* CIELAB *lab*

*lab*lab*	0.132	0.32	−0.946
*lab*tch*	0.5	1.0	0.802
*lab*nch*	0.0	1.0	0.802

***relative* Natural Colour (NC)**

*lab*lrj*	0.132	0.386	−0.921
*lab*tce*	0.5	1.0	0.813
*lab*ncE*	0.0	1.0	b25r



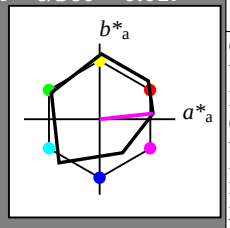
RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 304/360 = 0.845 (links)
3 stufige Reihen für konstanten CIELAB Buntton 289/360 = 0.802 (rechts)

BAM-Prüfvorlage RG00; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 6/360 = 0.017*
lab*tch* und *lab*nch

A: Buntton M
LCH*Ma: 56 71 6
olv*Ma: 1.0 0.0 1.0

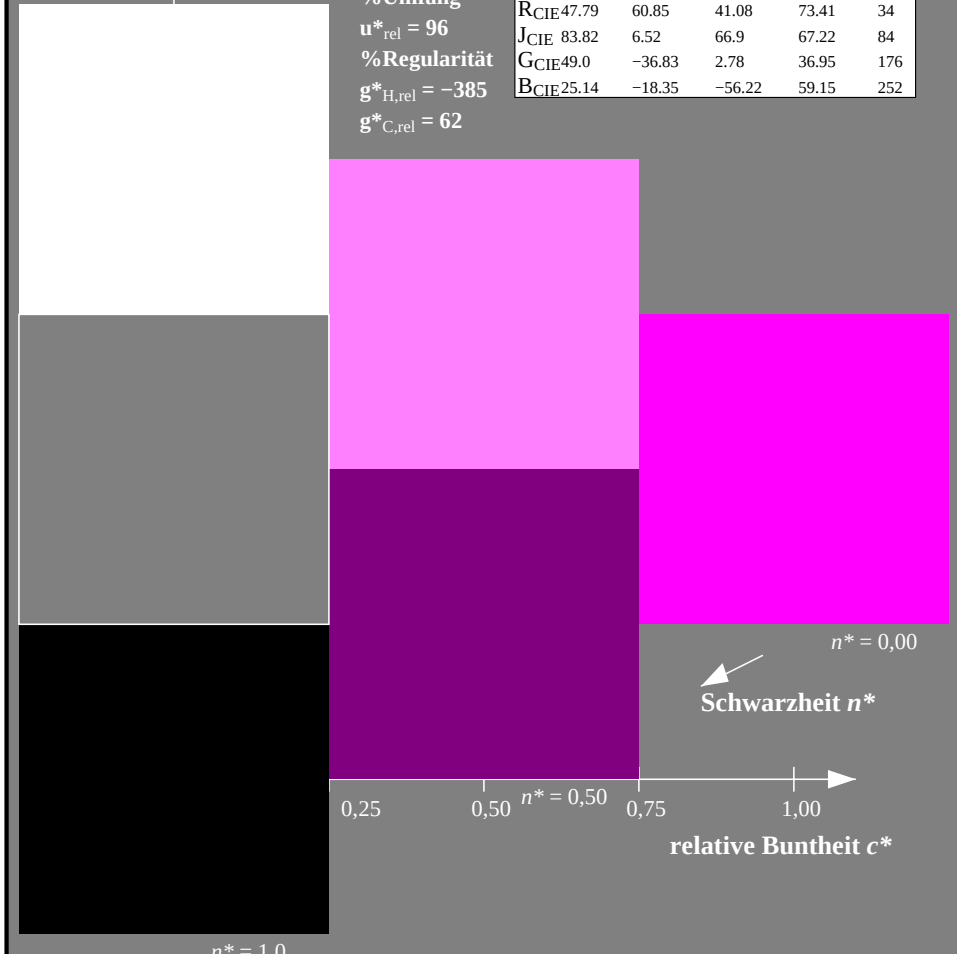
Dreiecks-Helligkeit *t**



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

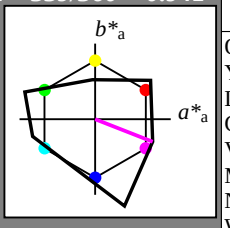
%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 339/360 = 0.941*
lab*tch* und *lab*nch

A: Buntton M
LCH*Ma: 67 82 339
olv*Ma: 1.0 0.0 1.0

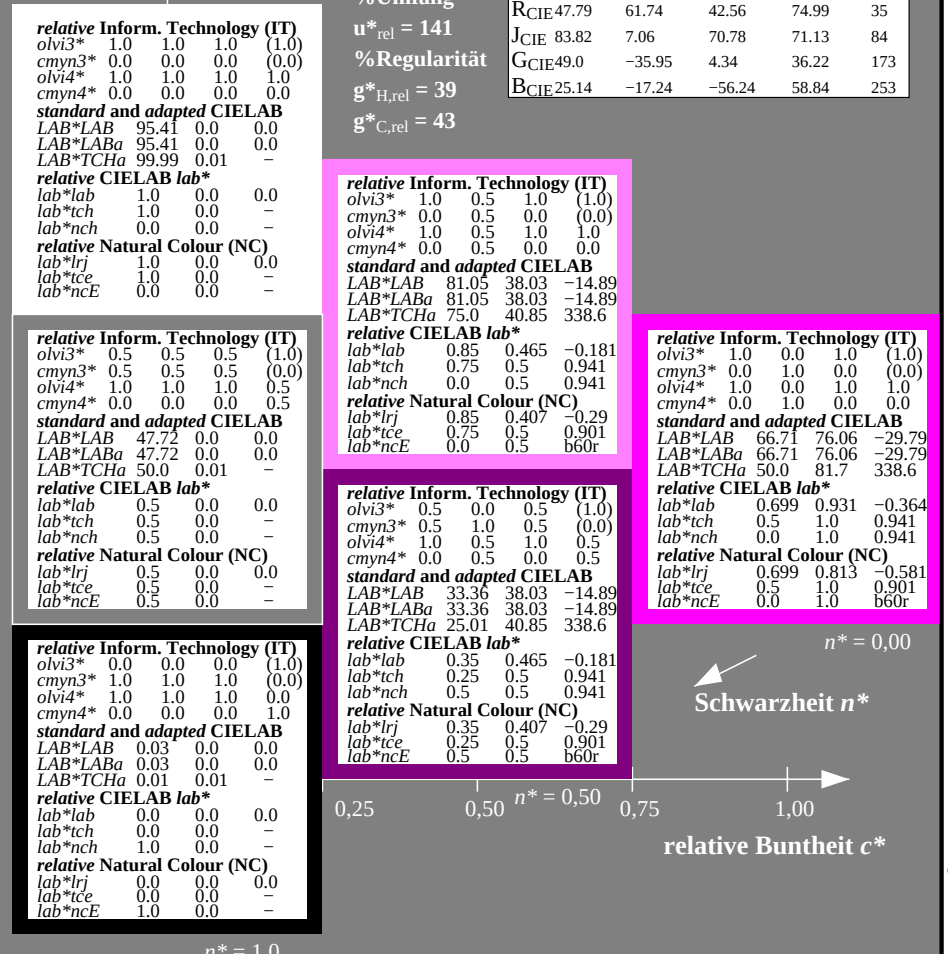
Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43



***relative* Inform. Technology (IT)**

*olvi3**	1.0	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	0.0	(0.0)
*olvi4**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	95.41	0.0	0.0
*LAB*LABa*	95.41	0.0	0.0
*LAB*TCHa*	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab*	1.0	0.0	0.0
*lab*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olvi4**	1.0	1.0	1.0	0.5
*cmyn4**	0.0	0.0	0.0	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	47.72	0.0	0.0
*LAB*LABa*	47.72	0.0	0.0
*LAB*TCHa*	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.5	0.0	0.0
*lab*tch*	0.5	0.0	–
*lab*nch*	0.5	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.5	0.0	0.0
*lab*tce*	0.5	0.0	–
*lab*ncE*	0.5	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.0	0.0	(1.0)
*cmyn3**	1.0	1.0	1.0	(0.0)
*olvi4**	1.0	1.0	1.0	0.0
*cmyn4**	0.0	0.0	0.0	1.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	0.03	0.0	0.0
*LAB*LABa*	0.03	0.0	0.0
*LAB*TCHa*	0.01	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.0	0.0	0.0
*lab*tch*	0.0	0.0	–
*lab*nch*	1.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.0	0.0	0.0
*lab*tce*	0.0	0.0	–
*lab*ncE*	1.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	1.0	0.5	1.0	(1.0)
*cmyn3**	0.0	0.5	0.0	(0.0)
*olvi4**	1.0	0.5	1.0	1.0
*cmyn4**	0.0	0.5	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	81.05	38.03	−14.89
*LAB*LABa*	81.05	38.03	−14.89
*LAB*TCHa*	75.0	40.85	338.6

relative* CIELAB *lab*

*lab*lab*	0.85	0.465	−0.181
*lab*tch*	0.75	0.5	0.941
*lab*nch*	0.0	0.5	0.941

***relative* Natural Colour (NC)**

*lab*lrj*	0.85	0.407	−0.29
*lab*tce*	0.75	0.5	0.901
*lab*ncE*	0.0	0.5	b60r

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.0	0.5	(1.0)
*cmyn3**	0.5	1.0	0.5	(0.0)
*olvi4**	1.0	0.5	1.0	0.5
*cmyn4**	0.0	0.5	0.0	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	33.36	38.03	−14.89
*LAB*LABa*	33.36	38.03	−14.89
*LAB*TCHa*	25.01	40.85	338.6

relative* CIELAB *lab*

*lab*lab*	0.35	0.465	−0.181
*lab*tch*	0.25	0.5	0.941
*lab*nch*	0.5	0.5	0.941

***relative* Natural Colour (NC)**

*lab*lrj*	0.35	0.407	−0.29
*lab*tce*	0.25	0.5	0.901
*lab*ncE*	0.5	0.5	b60r

***relative* Inform. Technology (IT)**

*olvi3**	1.0	0.0	1.0	(1.0)
*cmyn3**	0.0	1.0	0.0	(0.0)
*olvi4**	1.0	0.0	1.0	1.0
*cmyn4**	0.0	1.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	66.71	76.06	−29.79
*LAB*LABa*	66.71	76.06	−29.79
*LAB*TCHa*	50.0	81.7	338.6

relative* CIELAB *lab*

*lab*lab*	0.699	0.931	−0.364
*lab*tch*	0.5	1.0	0.941
*lab*nch*	0.0	1.0	0.941

***relative* Natural Colour (NC)**

*lab*lrj*	0.699	0.813	−0.581
*lab*tce*	0.5	1.0	0.901
*lab*ncE*	0.0	1.0	b60r

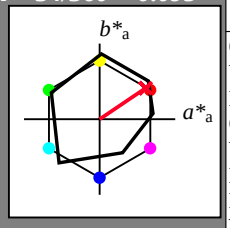
RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 6/360 = 0.017 (links)
3 stufige Reihen für konstanten CIELAB Buntton 339/360 = 0.941 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h** = *lab*h* = 34/360 = 0.095
*lab*tch* und *lab*nch*

A: Buntton R
LCH*Ma: 49 79 34
olv*Ma: 1.0 0.0 0.15

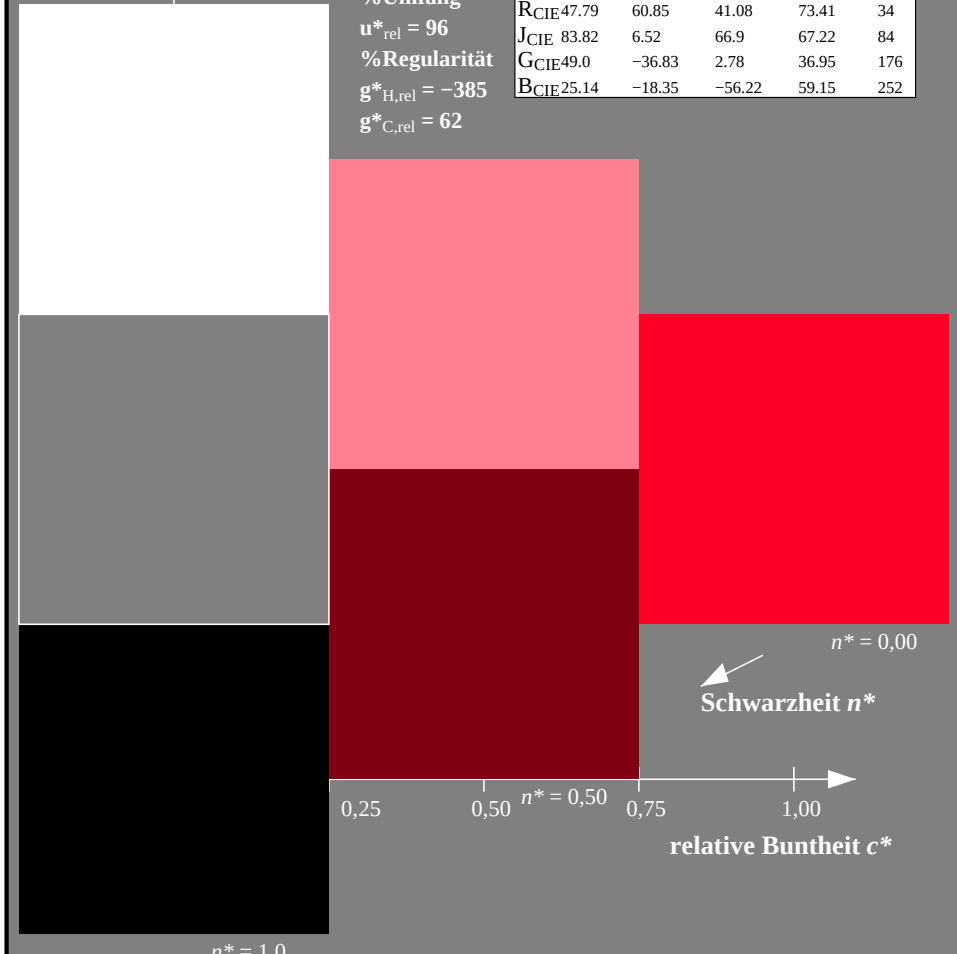
Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62

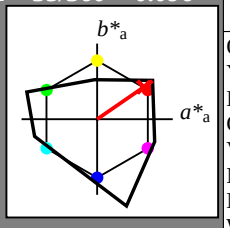


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h** = *lab*h* = 35/360 = 0.096
*lab*tch* und *lab*nch*

A: Buntton R
LCH*Ma: 66 89 35
olv*Ma: 1.0 0.0 0.01

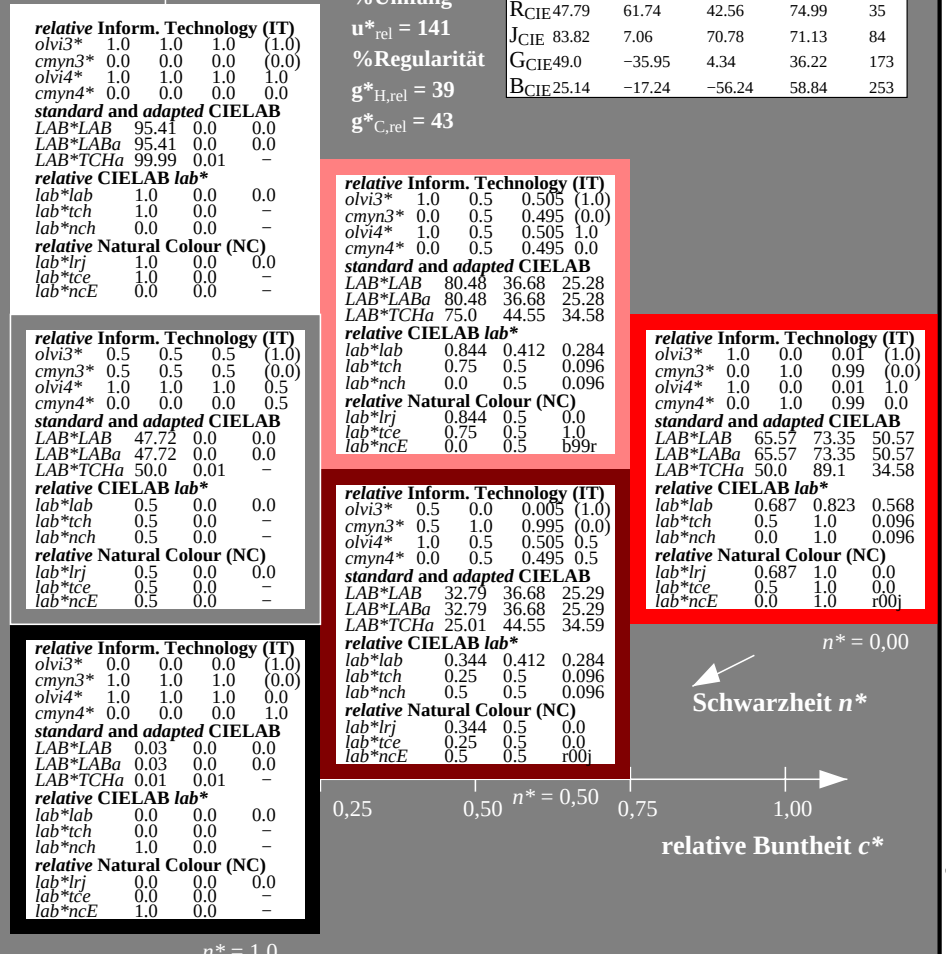
Dreiecks-Helligkeit *t**



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

%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43



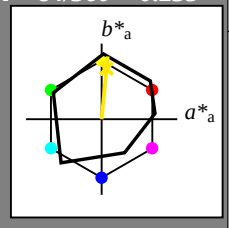
RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 34/360 = 0.095 (links)

3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.096 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 84/360 = 0.235*
*lab*tch* und *lab*nch*

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

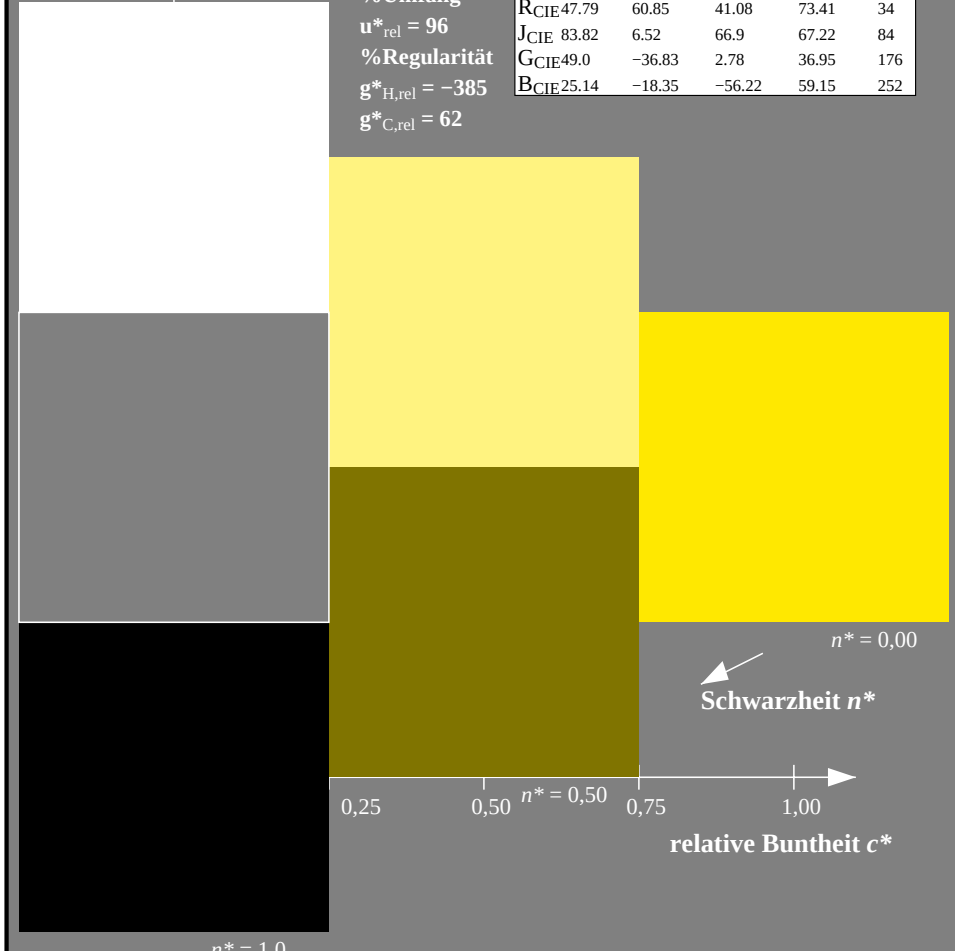


ORS18; adaptierte CIELAB-Daten

	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

%Umfang
u*rel = 96
%Regularität
g*H,rel = −385
g*C,rel = 62

Dreiecks-Helligkeit *t**

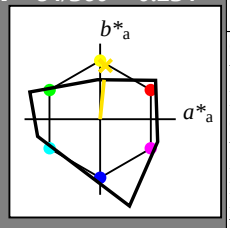


RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 84/360 = 0.235 (links)

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 84/360 = 0.234*
*lab*tch* und *lab*nch*

A: Buntton J
LCH*Ma: 91 52 84
olv*Ma: 1.0 0.89 0.0



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

%Umfang
u*rel = 141
%Regularität
g*H,rel = 39
g*C,rel = 43

Dreiecks-Helligkeit *t**

***relative* Inform. Technology (IT)**

*olvi3**	1.0	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	0.0	(0.0)
*olvi4**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	95.41	0.0	0.0
*LAB*LABa*	95.41	0.0	0.0
*LAB*TCHa*	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab*	1.0	0.0	0.0
*lab*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olvi4**	1.0	1.0	1.0	0.5
*cmyn4**	0.0	0.0	0.0	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	47.72	0.0	0.0
*LAB*LABa*	47.72	0.0	0.0
*LAB*TCHa*	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.5	0.0	0.0
*lab*tch*	0.5	0.0	–
*lab*nch*	0.5	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.5	0.0	0.0
*lab*tce*	0.5	0.0	–
*lab*ncE*	0.5	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.0	0.0	(1.0)
*cmyn3**	1.0	1.0	1.0	(0.0)
*olvi4**	1.0	1.0	1.0	0.0
*cmyn4**	0.0	0.0	0.0	1.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	0.03	0.0	0.0
*LAB*LABa*	0.03	0.0	0.0
*LAB*TCHa*	0.01	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.0	0.0	0.0
*lab*tch*	0.0	0.0	–
*lab*nch*	1.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.0	0.0	0.0
*lab*tce*	0.0	0.0	–
*lab*ncE*	1.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	1.0	0.943	0.5	(1.0)
*cmyn3**	0.0	0.057	0.5	(0.0)
*olvi4**	1.0	0.943	0.5	1.0
*cmyn4**	0.0	0.057	0.5	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	93.43	2.59	26.07
*LAB*LABa*	93.43	2.59	26.07
*LAB*TCHa*	75.0	26.2	84.32

relative* CIELAB *lab*

*lab*lab*	0.979	0.049	0.497
*lab*tch*	0.75	0.5	0.234
*lab*nch*	0.0	0.5	0.234

***relative* Natural Colour (NC)**

*lab*lrj*	0.979	0.0	0.5
*lab*tce*	0.75	0.5	0.25
*lab*ncE*	0.0	0.5	j00g

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.443	0.0	(1.0)
*cmyn3**	0.5	0.557	1.0	(0.0)
*olvi4**	1.0	0.943	0.5	0.5
*cmyn4**	0.0	0.057	0.5	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	45.74	2.6	26.07
*LAB*LABa*	45.74	2.6	26.07
*LAB*TCHa*	25.01	26.2	84.3

relative* CIELAB *lab*

*lab*lab*	0.479	0.05	0.497
*lab*tch*	0.25	0.5	0.234
*lab*nch*	0.5	0.5	0.234

***relative* Natural Colour (NC)**

*lab*lrj*	0.479	0.0	0.5
*lab*tce*	0.25	0.5	0.25
*lab*ncE*	0.5	0.5	r99j

***relative* Inform. Technology (IT)**

*olvi3**	1.0	0.887	0.0	(1.0)
*cmyn3**	0.0	0.113	1.0	(0.0)
*olvi4**	1.0	0.887	0.0	1.0
*cmyn4**	0.0	0.113	1.0	0.0

***standard* and *adapted* CIELAB**

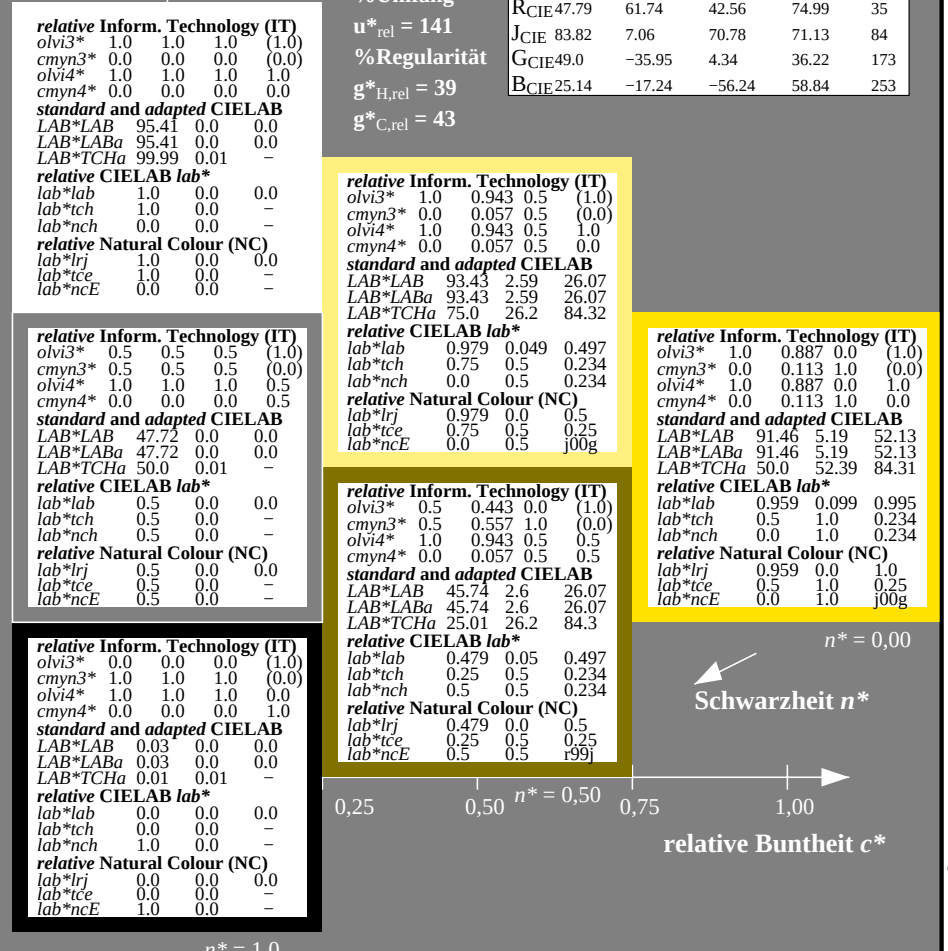
*LAB*LAB*	91.46	5.19	52.13
*LAB*LABa*	91.46	5.19	52.13
*LAB*TCHa*	50.0	52.39	84.31

relative* CIELAB *lab*

*lab*lab*	0.959	0.099	0.995
*lab*tch*	0.5	1.0	0.234
*lab*nch*	0.0	1.0	0.234

***relative* Natural Colour (NC)**

*lab*lrj*	0.959	0.0	1.0
*lab*tce*	0.5	1.0	0.25
*lab*ncE*	0.0	1.0	j00g

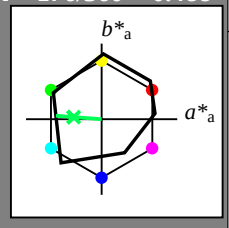


3 stufige Reihen für konstanten CIELAB Buntton 84/360 = 0.234 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 176/360 = 0.488*
*lab*tch* und *lab*nch*

A: Buntton G
LCH*Ma: 51 61 176
olv*Ma: 0.0 1.0 0.33

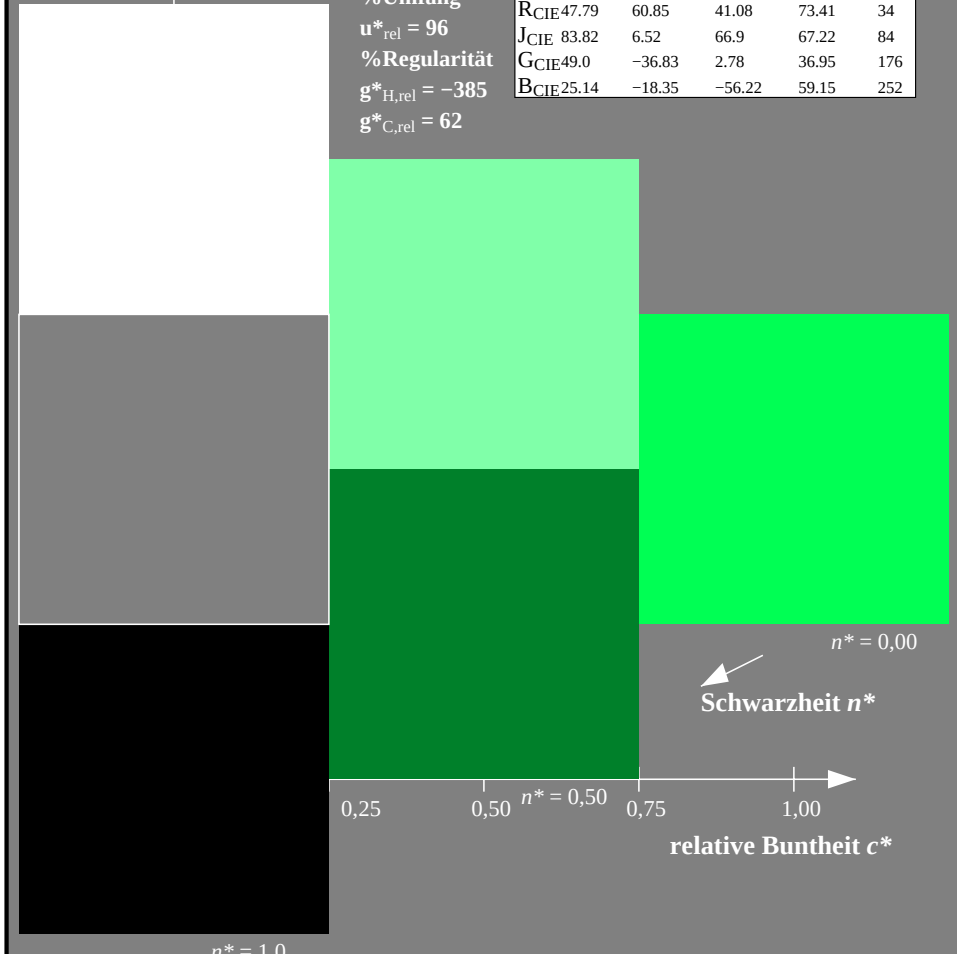


ORS18; adaptierte CIELAB-Daten

	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

Dreiecks-Helligkeit *t**

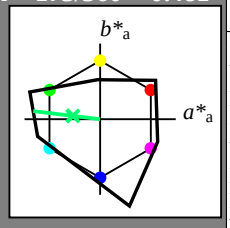
%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 173/360 = 0.481*
*lab*tch* und *lab*nch*

A: Buntton G
LCH*Ma: 78 89 173
olv*Ma: 0.0 1.0 0.43

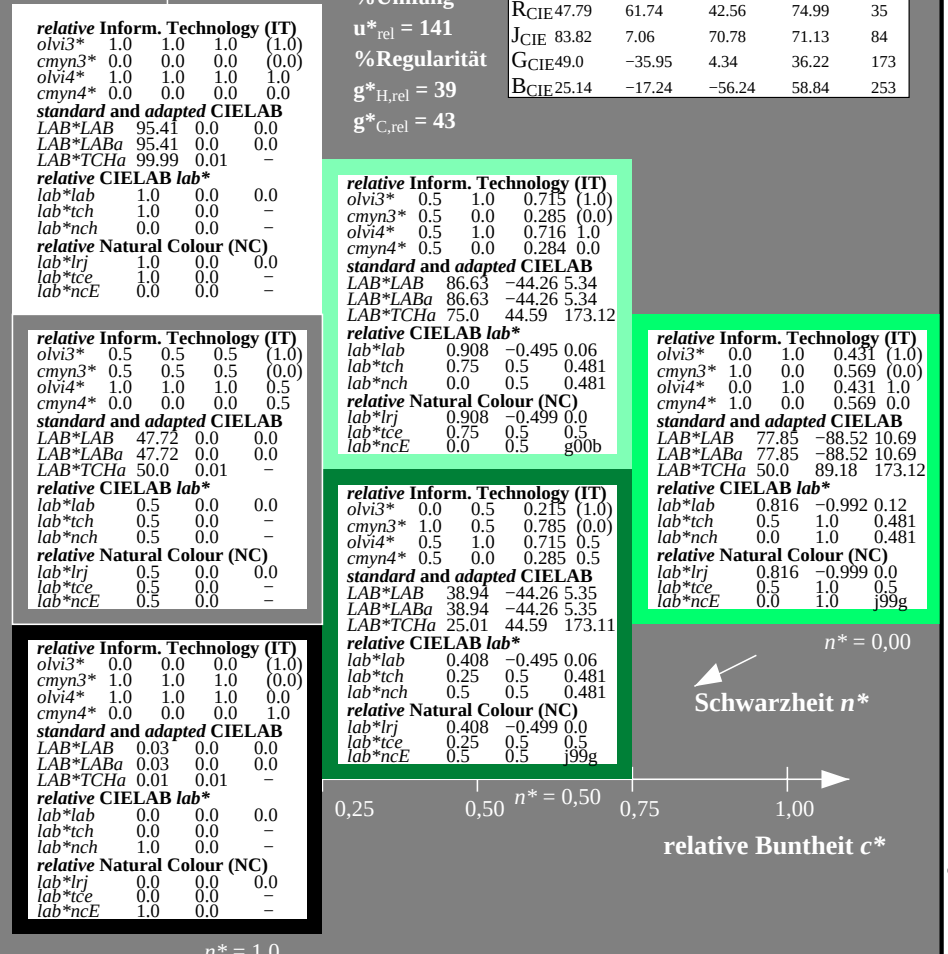


TLS00; adaptierte CIELAB-Daten

	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

Dreiecks-Helligkeit *t**

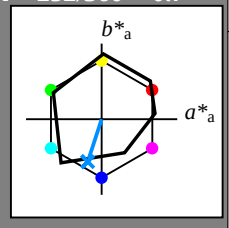
%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43



RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 176/360 = 0.488 (links)
3 stufige Reihen für konstanten CIELAB Buntton 173/360 = 0.481 (rechts)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 252/360 = 0.7*
lab*tch* und *lab*nch

A: Buntton B
LCH*Ma: 40 55 252
olv*Ma: 0.0 0.56 1.0



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

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 96
%Regularität
$g^*_{H,rel}$ = −385
$g^*_{C,rel}$ = 62

***relative* Inform. Technology (IT)**

*olvi3**	1.0	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	0.0	(0.0)
*olvi4**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	95.41	0.0	0.0
*LAB*LABa*	95.41	0.0	0.0
*LAB*TCHa*	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab*	1.0	0.0	0.0
*lab*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olvi4**	1.0	1.0	1.0	0.5
*cmyn4**	0.0	0.0	0.0	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	47.72	0.0	0.0
*LAB*LABa*	47.72	0.0	0.0
*LAB*TCHa*	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.5	0.0	0.0
*lab*tch*	0.5	0.0	–
*lab*nch*	0.5	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	0.5	0.0	0.0
*lab*tce*	0.5	0.0	–
*lab*ncE*	0.5	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.0	0.0	(1.0)
*cmyn3**	1.0	1.0	1.0	(0.0)
*olvi4**	1.0	1.0	1.0	0.0
*cmyn4**	0.0	0.0	0.0	1.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	0.03	0.0	0.0
*LAB*LABa*	0.03	0.0	0.0
*LAB*TCHa*	0.01	0.01	–

relative* CIELAB *lab*

*lab*lab*	0.0	0.0	0.0
*lab*tch*	0.0	0.0	–
*lab*nch*	1.0	0.0	–

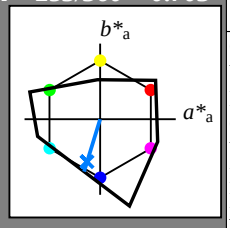
***relative* Natural Colour (NC)**

*lab*lrj*	0.0	0.0	0.0
*lab*tce*	0.0	0.0	–
*lab*ncE*	1.0	0.0	–

$n^* = 0{,}00$
Schwarzheit *n**
0,25 0,50 $n^* = 0{,}50$ 0,75 1,00
relative Buntheit *c**
$n^* = 1{,}0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 253/360 = 0.703*
lab*tch* und *lab*nch

A: Buntton B
LCH*Ma: 45 72 253
olv*Ma: 0.0 0.49 1.0



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

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 141
%Regularität
$g^*_{H,rel}$ = 39
$g^*_{C,rel}$ = 43

***relative* Inform. Technology (IT)**

*olvi3**	1.0	1.0	1.0	(1.0)
*cmyn3**	0.0	0.0	0.0	(0.0)
*olvi4**	1.0	1.0	1.0	1.0
*cmyn4**	0.0	0.0	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	95.41	0.0	0.0
*LAB*LABa*	95.41	0.0	0.0
*LAB*TCHa*	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab*	1.0	0.0	0.0
*lab*tch*	1.0	0.0	–
*lab*nch*	0.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj*	1.0	0.0	0.0
*lab*tce*	1.0	0.0	–
*lab*ncE*	0.0	0.0	–

***relative* Inform. Technology (IT)**

*olvi3**	0.5	0.747	1.0	(1.0)
*cmyn3**	0.5	0.253	0.0	(0.0)
*olvi4**	0.5	0.747	1.0	1.0
*cmyn4**	0.5	0.253	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	70.24	−10.62	−34.63
*LAB*LABa*	70.24	−10.62	−34.63
*LAB*TCHa*	75.0	36.24	252.94

relative* CIELAB *lab*

*lab*lab*	0.736	−0.146	−0.477
*lab*tch*	0.75	0.5	0.703
*lab*nch*	0.0	0.5	0.703

***relative* Natural Colour (NC)**

*lab*lrj*	0.736	0.0	−0.499
*lab*tce*	0.75	0.5	0.75
*lab*ncE*	0.0	0.5	g99b

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.247	0.5	(1.0)
*cmyn3**	1.0	0.753	0.5	(0.0)
*olvi4**	0.5	0.747	1.0	0.5
*cmyn4**	0.5	0.253	0.0	0.5

***standard* and *adapted* CIELAB**

*LAB*LAB*	22.55	−10.61	−34.64
*LAB*LABa*	22.55	−10.61	−34.64
*LAB*TCHa*	25.01	36.24	252.96

relative* CIELAB *lab*

*lab*lab*	0.236	−0.145	−0.477
*lab*tch*	0.25	0.5	0.703
*lab*nch*	0.5	0.5	0.703

***relative* Natural Colour (NC)**

*lab*lrj*	0.236	0.0	−0.499
*lab*tce*	0.25	0.5	0.75
*lab*ncE*	0.5	0.5	b00r

***relative* Inform. Technology (IT)**

*olvi3**	0.0	0.494	1.0	(1.0)
*cmyn3**	1.0	0.506	0.0	(0.0)
*olvi4**	0.0	0.494	1.0	1.0
*cmyn4**	1.0	0.506	0.0	0.0

***standard* and *adapted* CIELAB**

*LAB*LAB*	45.08	−21.24	−69.28
*LAB*LABa*	45.08	−21.24	−69.28
*LAB*TCHa*	50.0	72.48	252.95

relative* CIELAB *lab*

*lab*lab*	0.472	−0.292	−0.955
*lab*tch*	0.5	1.0	0.703
*lab*nch*	0.0	1.0	0.703

***relative* Natural Colour (NC)**

*lab*lrj*	0.472	0.0	−0.999
*lab*tce*	0.5	1.0	0.75
*lab*ncE*	0.0	1.0	b00r

$n^* = 0{,}00$
Schwarzheit *n**
0,25 0,50 $n^* = 0{,}50$ 0,75 1,00
relative Buntheit *c**
$n^* = 1{,}0$

RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 252/360 = 0.7 (links)
3 stufige Reihen für konstanten CIELAB Buntton 253/360 = 0.703 (rechts)

BAM-Prüfvorlage RG00; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*