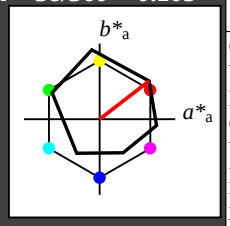
Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 38/360 = 0.105*
lab*tch* und *lab*nch

A: Buntton O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit *t**



ORS18; adaptierte CIELAB-Daten

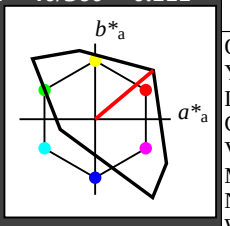
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 40/360 = 0.111*
lab*tch* und *lab*nch

A: Buntton O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

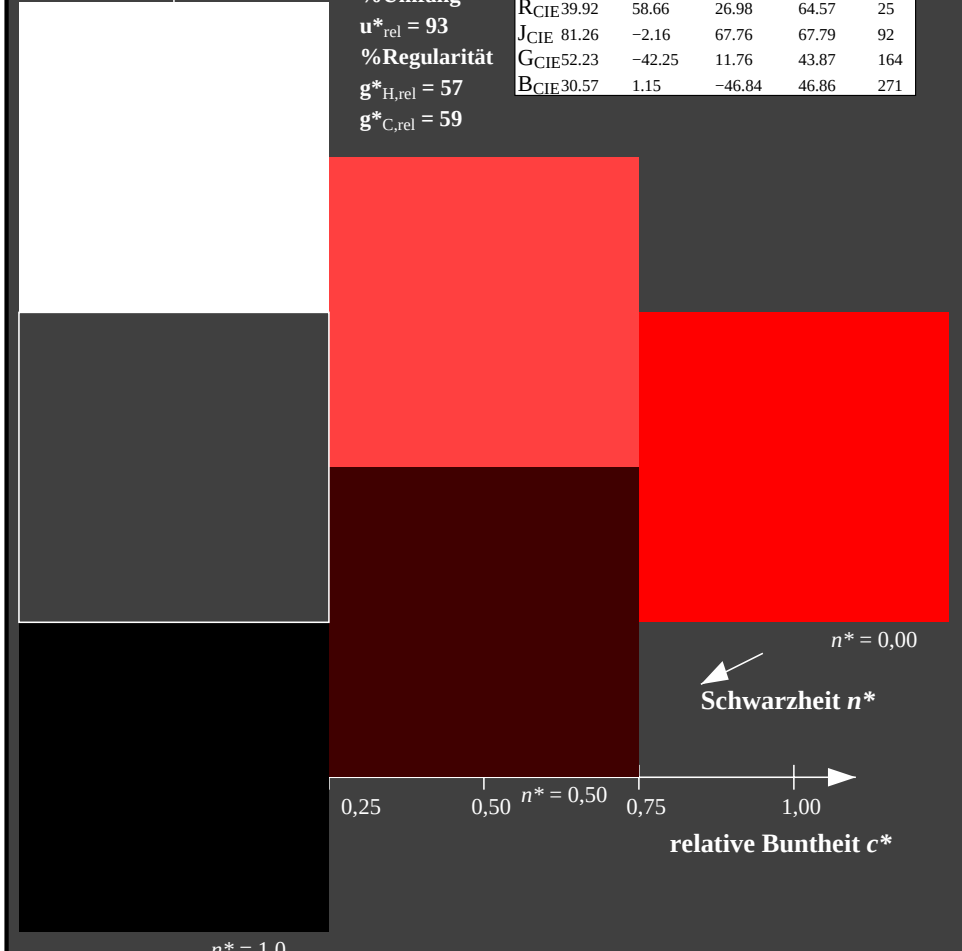
Dreiecks-Helligkeit *t**



TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37



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

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

*LAB*LAB*	72.95	38.45	32.27
*LAB*LABa*	72.95	38.45	32.27
*LAB*TCHa*	75.0	50.2	40.0

relative* CIELAB *lab*

*lab*lab*	0.765	0.383	0.321
*lab*tch*	0.75	0.5	0.111
*lab*nch*	0.0	0.5	0.111

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

*lab*lrj*	0.765	0.471	0.167
*lab*tce*	0.75	0.5	0.054
*lab*ncE*	0.0	0.5	r21j

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

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

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

*LAB*LAB*	25.26	38.45	32.27
*LAB*LABa*	25.26	38.45	32.27
*LAB*TCHa*	25.01	50.2	40.0

relative* CIELAB *lab*

*lab*lab*	0.265	0.383	0.321
*lab*tch*	0.25	0.5	0.111
*lab*nch*	0.5	0.5	0.111

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

*lab*lrj*	0.265	0.471	0.167
*lab*tce*	0.25	0.5	0.054
*lab*ncE*	0.5	0.5	r21j

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

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

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

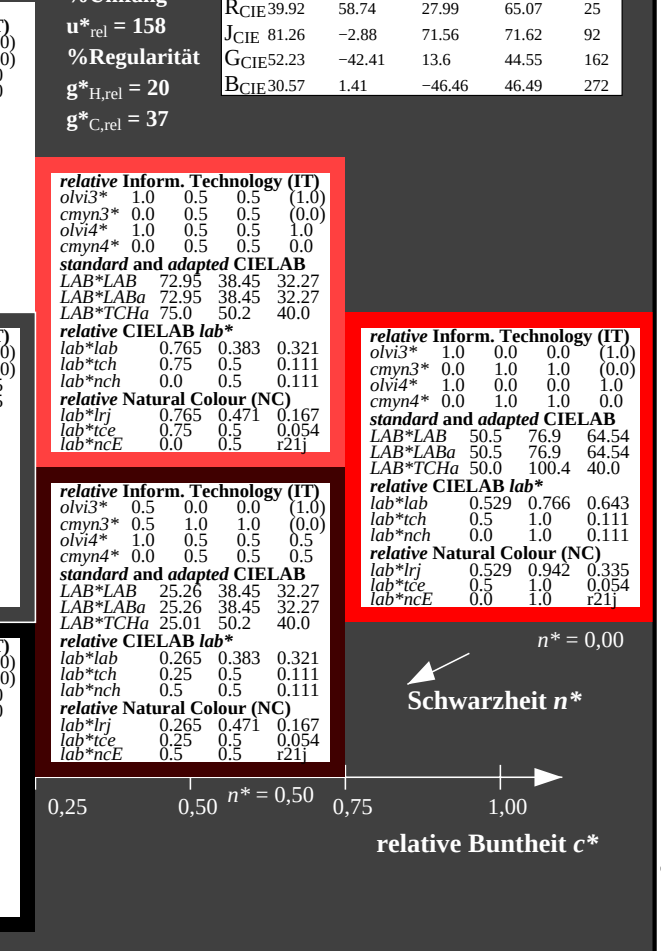
*LAB*LAB*	50.5	76.9	64.54
*LAB*LABa*	50.5	76.9	64.54
*LAB*TCHa*	50.0	100.4	40.0

relative* CIELAB *lab*

*lab*lab*	0.529	0.766	0.643
*lab*tch*	0.5	1.0	0.111
*lab*nch*	0.0	1.0	0.111

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

*lab*lrj*	0.529	0.942	0.335
*lab*tce*	0.5	1.0	0.054
*lab*ncE*	0.0	1.0	r21j



RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)
3 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (rechts)

BAM-Registrierung: 20060101-RG00/10S/S00G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 1/10, Serie: 1/1, Seite: 1
Seitenz hlung 1

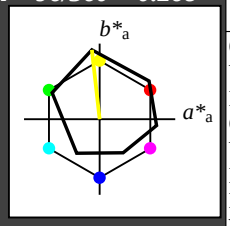
Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G01FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 2/10, Serie: 1/1, Seite: 2 Seitenz hlung 2

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 96/360 = 0.268*
lab*tch* und *lab*nch

A: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0

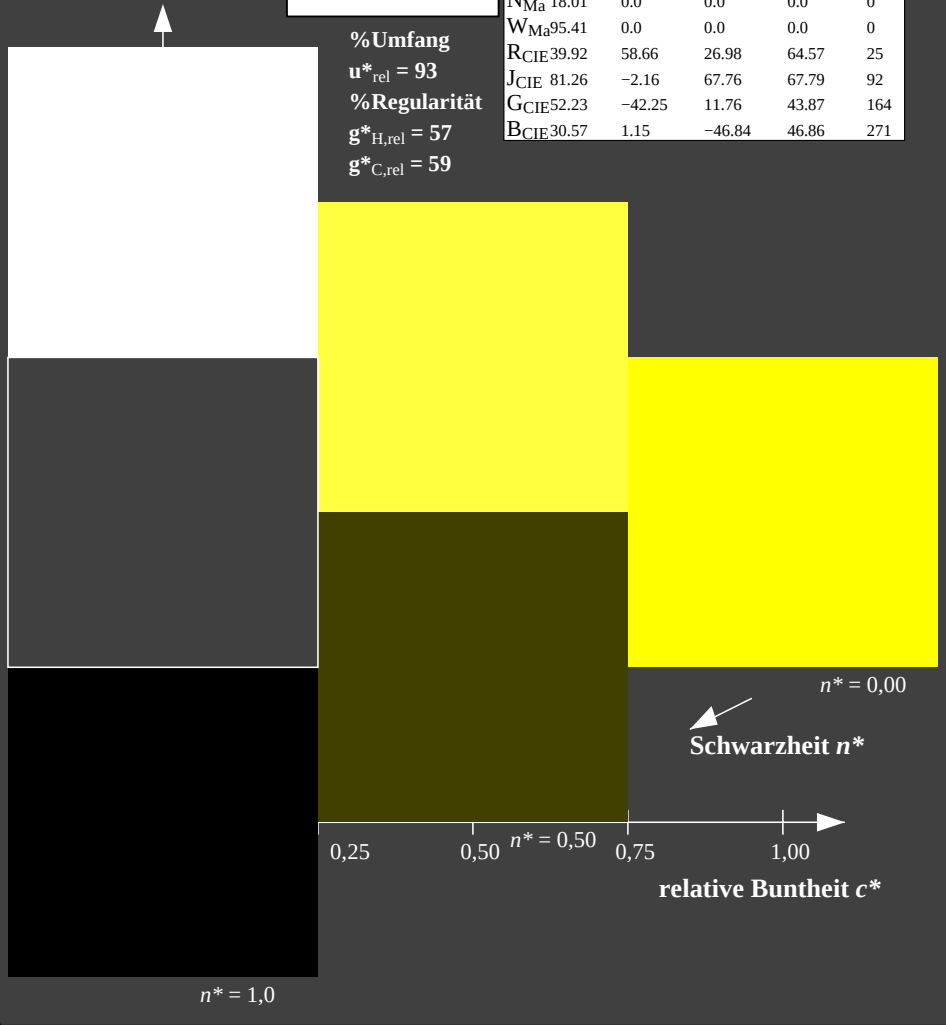
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18; adaptierte CIELAB-Daten

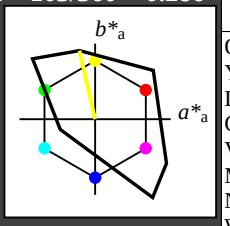
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 103/360 = 0.286*
lab*tch* und *lab*nch

A: Buntton Y
LCH*Ma: 93 93 103
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

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

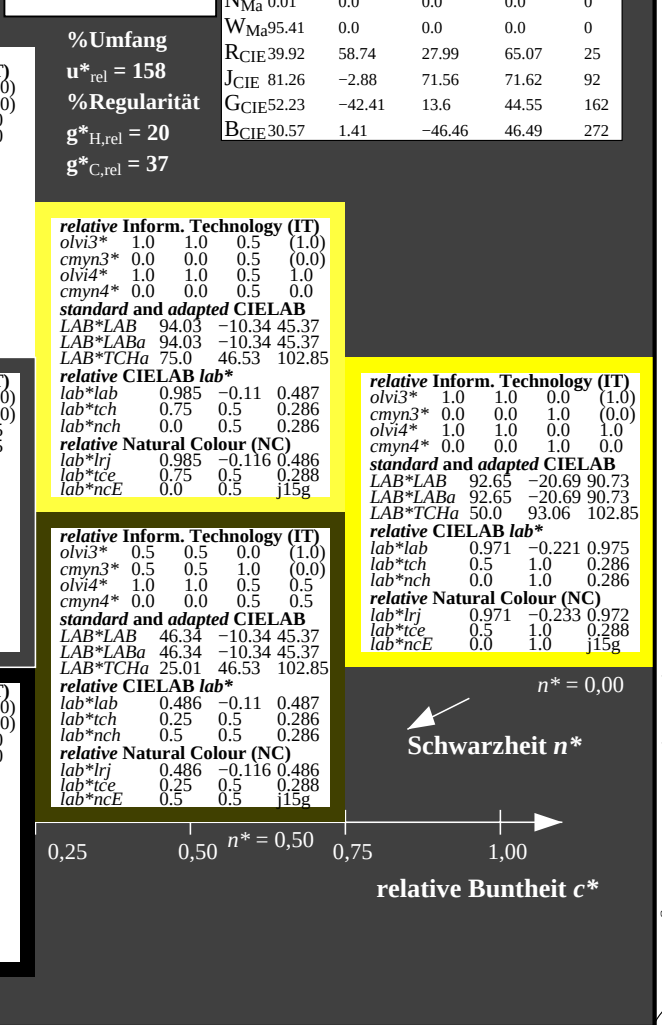
***relative* Inform. Technology (IT)**				
*olvi3**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olvi4**	1.0	1.0	1.0	0.5
*cmyn4**	0.0	0.0	0.0	0.5
***standard* and *adapted* CIELAB**				
*LAB*LAB*	47.72	0.0	0.0	
*LAB*LABa*	47.72	0.0	0.0	
*LAB*TCHa*	50.0	0.01	–	
relative* CIELAB *lab				
*lab*lab*	0.5	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	1.0	0.5	(1.0)
*cmyn3**	0.0	0.0	0.5	(0.0)
*olvi4**	1.0	1.0	0.5	1.0
*cmyn4**	0.0	0.0	0.5	0.0
***standard* and *adapted* CIELAB**				
*LAB*LAB*	94.03	−10.34	45.37	
*LAB*LABa*	94.03	−10.34	45.37	
*LAB*TCHa*	75.0	46.53	102.85	
relative* CIELAB *lab				
*lab*lab*	0.985	−0.11	0.487	
*lab*tch*	0.75	0.5	0.286	
*lab*nch*	0.0	0.5	0.286	
***relative* Natural Colour (NC)**				
*lab*lrj*	0.985	−0.116	0.486	
*lab*tce*	0.75	0.5	0.288	
*lab*ncE*	0.0	0.5	j15g	

***relative* Inform. Technology (IT)**				
*olvi3**	0.5	0.5	0.0	(1.0)
*cmyn3**	0.5	0.5	1.0	(0.0)
*olvi4**	1.0	1.0	0.5	0.5
*cmyn4**	0.0	0.0	0.5	0.5
***standard* and *adapted* CIELAB**				
*LAB*LAB*	46.34	−10.34	45.37	
*LAB*LABa*	46.34	−10.34	45.37	
*LAB*TCHa*	25.01	46.53	102.85	
relative* CIELAB *lab				
*lab*lab*	0.486	−0.11	0.487	
*lab*tch*	0.25	0.5	0.286	
*lab*nch*	0.5	0.5	0.286	
***relative* Natural Colour (NC)**				
*lab*lrj*	0.486	−0.116	0.486	
*lab*tce*	0.25	0.5	0.288	
*lab*ncE*	0.5	0.5	j15g	

***relative* Inform. Technology (IT)**				
*olvi3**	1.0	1.0	0.0	(1.0)
*cmyn3**	0.0	0.0	1.0	(0.0)
*olvi4**	1.0	1.0	0.0	1.0
*cmyn4**	0.0	0.0	1.0	0.0
***standard* and *adapted* CIELAB**				
*LAB*LAB*	92.65	−20.69	90.73	
*LAB*LABa*	92.65	−20.69	90.73	
*LAB*TCHa*	50.0	93.06	102.85	
relative* CIELAB *lab				
*lab*lab*	0.971	−0.221	0.975	
*lab*tch*	0.5	1.0	0.286	
*lab*nch*	0.0	1.0	0.286	
***relative* Natural Colour (NC)**				
*lab*lrj*	0.971	−0.233	0.972	
*lab*tce*	0.5	1.0	0.288	
*lab*ncE*	0.0	1.0	j15g	



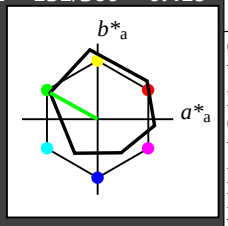
RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)
3 stufige Reihen für konstanten CIELAB Buntton 103/360 = 0.286 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G02FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 3/10, Serie: 1/1, Seite: 3 Seitenz hlung 3

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 151/360 = 0.419*
lab*tch* und *lab*nch

A: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

***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	–

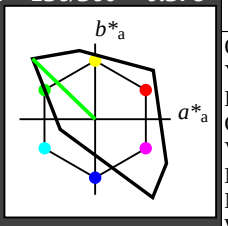
***relative* Natural Colour (NC)**

*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 = 136/360 = 0.378*
lab*tch* und *lab*nch

A: Buntton L
LCH*Ma: 84 115 136
olv*Ma: 0.0 1.0 0.0



TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37

***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	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*	89.51	−41.36	39.94
*LAB*LABa*	89.51	−41.36	39.94
*LAB*TCHa*	75.0	57.51	136.01

relative* CIELAB *lab*

*lab*lab*	0.938	−0.359	0.347
*lab*tch*	0.75	0.5	0.378
*lab*nch*	0.0	0.5	0.378

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

*lab*lrj*	0.938	−0.415	0.278
*lab*tce*	0.75	0.5	0.406
*lab*ncE*	0.0	0.5	j62g

***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*	41.82	−41.36	39.94
*LAB*LABa*	41.82	−41.36	39.94
*LAB*TCHa*	25.01	57.51	136.01

relative* CIELAB *lab*

*lab*lab*	0.438	−0.359	0.347
*lab*tch*	0.25	0.5	0.378
*lab*nch*	0.5	0.5	0.378

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

*lab*lrj*	0.438	−0.415	0.278
*lab*tce*	0.25	0.5	0.406
*lab*ncE*	0.5	0.5	j62g

***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*	83.62	−82.73	79.88
*LAB*LABa*	83.62	−82.73	79.88
*LAB*TCHa*	50.0	115.01	136.01

relative* CIELAB *lab*

*lab*lab*	0.876	−0.718	0.694
*lab*tch*	0.5	1.0	0.378
*lab*nch*	0.0	1.0	0.378

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

*lab*lrj*	0.876	−0.83	0.555
*lab*tce*	0.5	1.0	0.406
*lab*ncE*	0.0	1.0	j62g

$n^* = 0{,}00$
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 151/360 = 0.419 (links)
3 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (rechts)

BAM-Prüfvorlage RG00; Farbmetrik-Systeme ORS18 & TLS00 input: *olv* setrgbcolor*
A: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

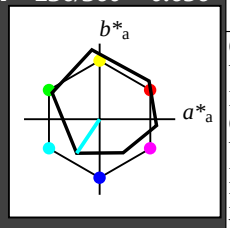
Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G03FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 4/10, Serie: 1/1, Seite: 4 Seitenz hlung 4

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 236/360 = 0.656*
lab*tch* und *lab*nch

A: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0

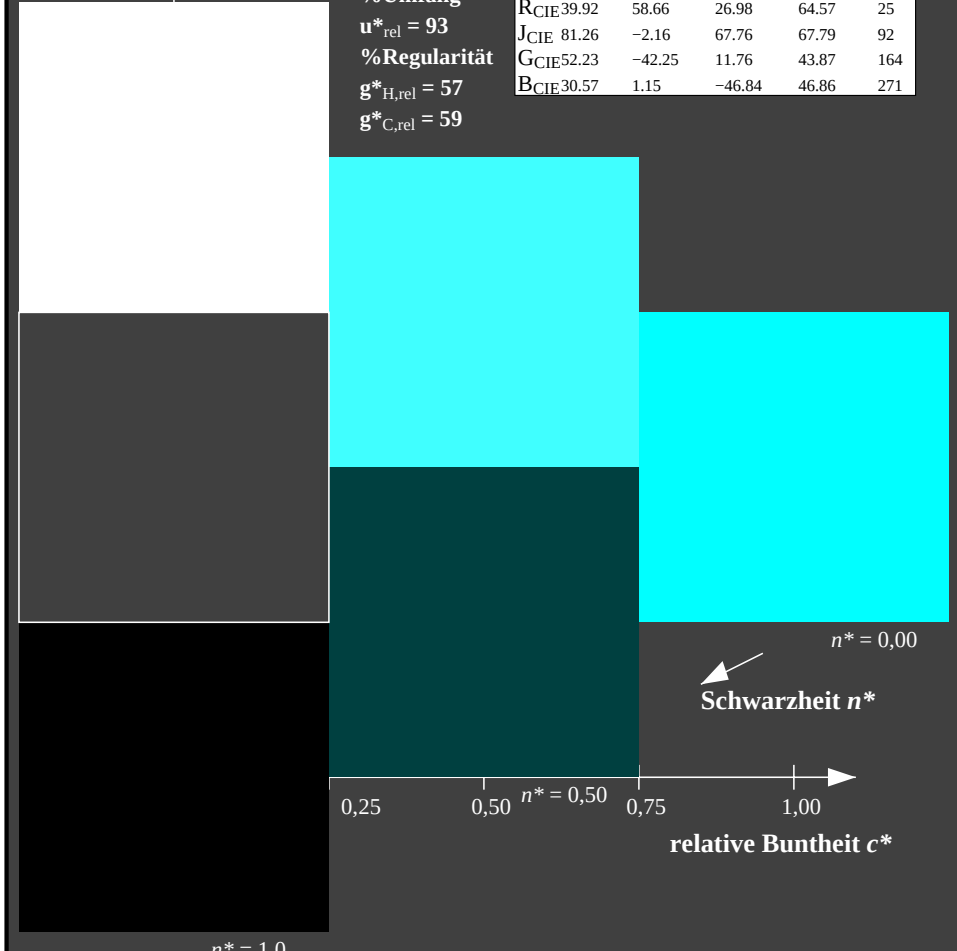
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18; adaptierte CIELAB-Daten

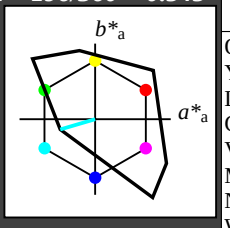
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 196/360 = 0.545*
lab*tch* und *lab*nch

A: Buntton C
LCH*Ma: 87 48 196
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

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

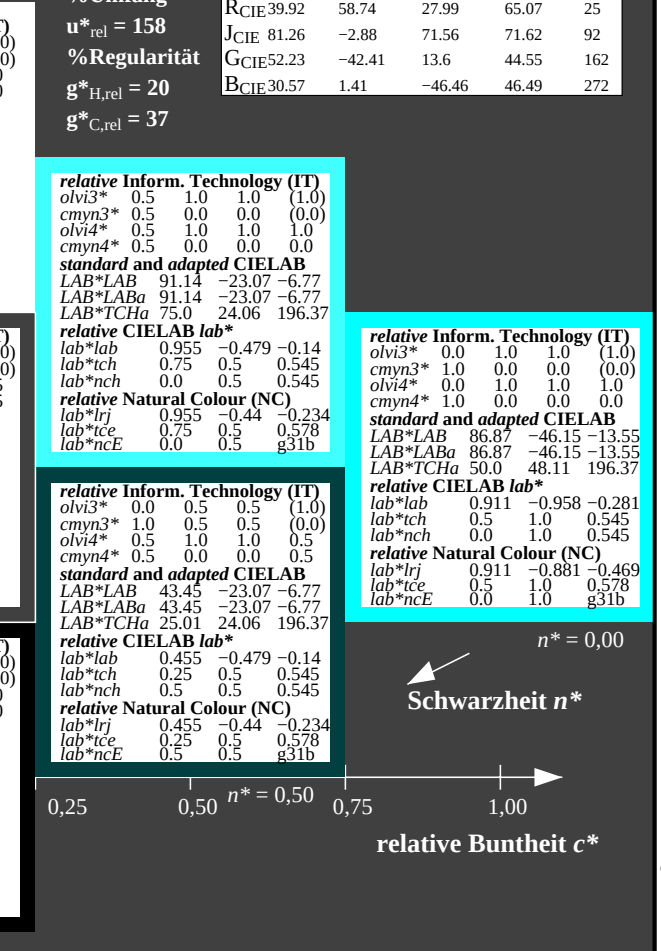
***relative* Inform. Technology (IT)**				
*olvi3**	0.5	0.5	0.5	(1.0)
*cmyn3**	0.5	0.5	0.5	(0.0)
*olvi4**	1.0	1.0	1.0	0.5
*cmyn4**	0.0	0.0	0.0	0.5
***standard* and *adapted* CIELAB**				
*LAB*LAB*	47.72	0.0	0.0	
*LAB*LABa*	47.72	0.0	0.0	
*LAB*TCHa*	50.0	0.01	–	
relative* CIELAB *lab				
*lab*lab*	0.5	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**	0.5	1.0	1.0	(1.0)
*cmyn3**	0.5	0.0	0.0	(0.0)
*olvi4**	0.5	1.0	1.0	1.0
*cmyn4**	0.5	0.0	0.0	0.0
***standard* and *adapted* CIELAB**				
*LAB*LAB*	91.14	−23.07	−6.77	
*LAB*LABa*	91.14	−23.07	−6.77	
*LAB*TCHa*	75.0	24.06	196.37	
relative* CIELAB *lab				
*lab*lab*	0.955	−0.479	−0.14	
*lab*tch*	0.75	0.5	0.545	
*lab*nch*	0.0	0.5	0.545	
***relative* Natural Colour (NC)**				
*lab*lrj*	0.955	−0.44	−0.234	
*lab*tce*	0.75	0.5	0.578	
*lab*ncE*	0.0	0.5	g31b	

***relative* Inform. Technology (IT)**				
*olvi3**	0.0	0.5	0.5	(1.0)
*cmyn3**	1.0	0.5	0.5	(0.0)
*olvi4**	0.5	1.0	1.0	0.5
*cmyn4**	0.5	0.0	0.0	0.5
***standard* and *adapted* CIELAB**				
*LAB*LAB*	43.45	−23.07	−6.77	
*LAB*LABa*	43.45	−23.07	−6.77	
*LAB*TCHa*	25.01	24.06	196.37	
relative* CIELAB *lab				
*lab*lab*	0.455	−0.479	−0.14	
*lab*tch*	0.25	0.5	0.545	
*lab*nch*	0.5	0.5	0.545	
***relative* Natural Colour (NC)**				
*lab*lrj*	0.455	−0.44	−0.234	
*lab*tce*	0.25	0.5	0.578	
*lab*ncE*	0.5	0.5	g31b	

***relative* Inform. Technology (IT)**				
*olvi3**	0.0	1.0	1.0	(1.0)
*cmyn3**	1.0	0.0	0.0	(0.0)
*olvi4**	0.0	1.0	1.0	1.0
*cmyn4**	1.0	0.0	0.0	0.0
***standard* and *adapted* CIELAB**				
*LAB*LAB*	86.87	−46.15	−13.55	
*LAB*LABa*	86.87	−46.15	−13.55	
*LAB*TCHa*	50.0	48.11	196.37	
relative* CIELAB *lab				
*lab*lab*	0.911	−0.958	−0.281	
*lab*tch*	0.5	1.0	0.545	
*lab*nch*	0.0	1.0	0.545	
***relative* Natural Colour (NC)**				
*lab*lrj*	0.911	−0.881	−0.469	
*lab*tce*	0.5	1.0	0.578	
*lab*ncE*	0.0	1.0	g31b	



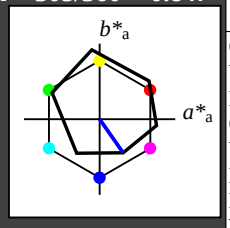
RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)
3 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G04FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 5/10, Serie: 1/1, Seite: 5 Settenz hlung 5

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 305/360 = 0.847*
lab*tch* und *lab*nch

A: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

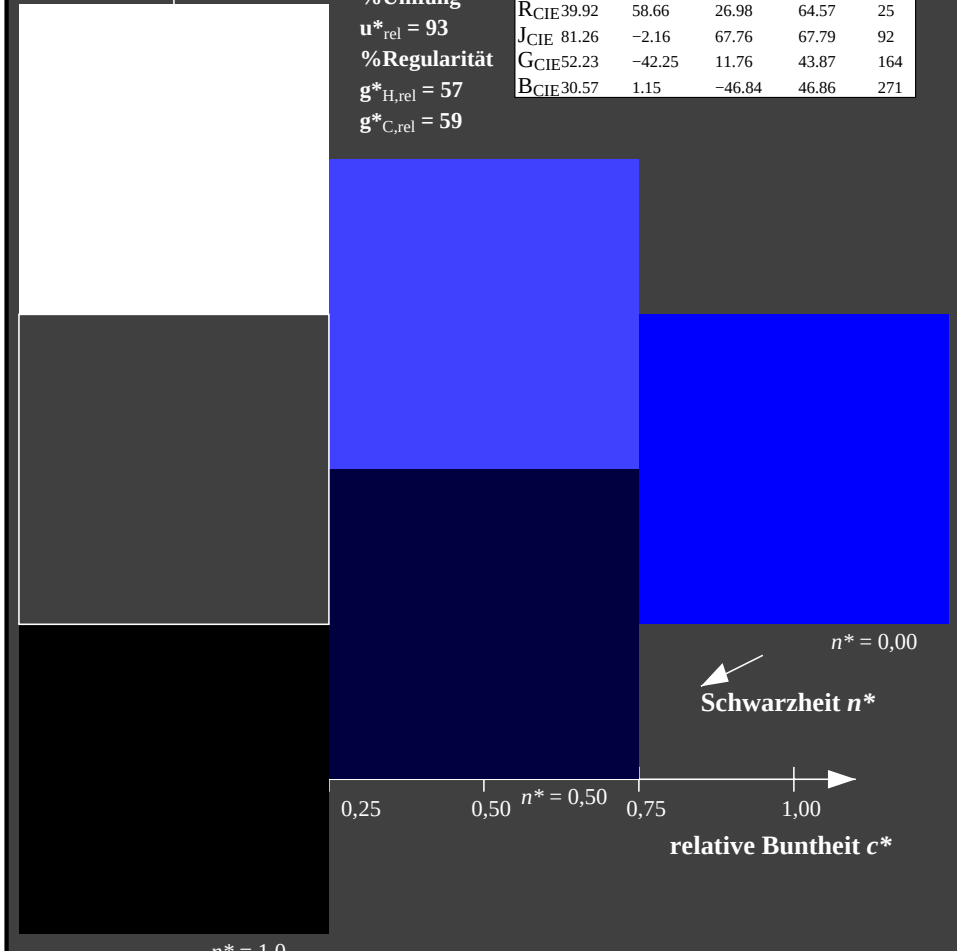


ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



***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*

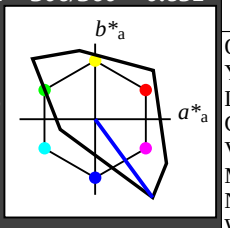
*lab*lab*	0.0	0.0	0.0
*lab*tch*	0.0	0.0	–
*lab*nch*	1.0	0.0	–

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

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

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 306/360 = 0.851*
lab*tch* und *lab*nch

A: Buntton V
LCH*Ma: 30 129 306
olv*Ma: 0.0 0.0 1.0

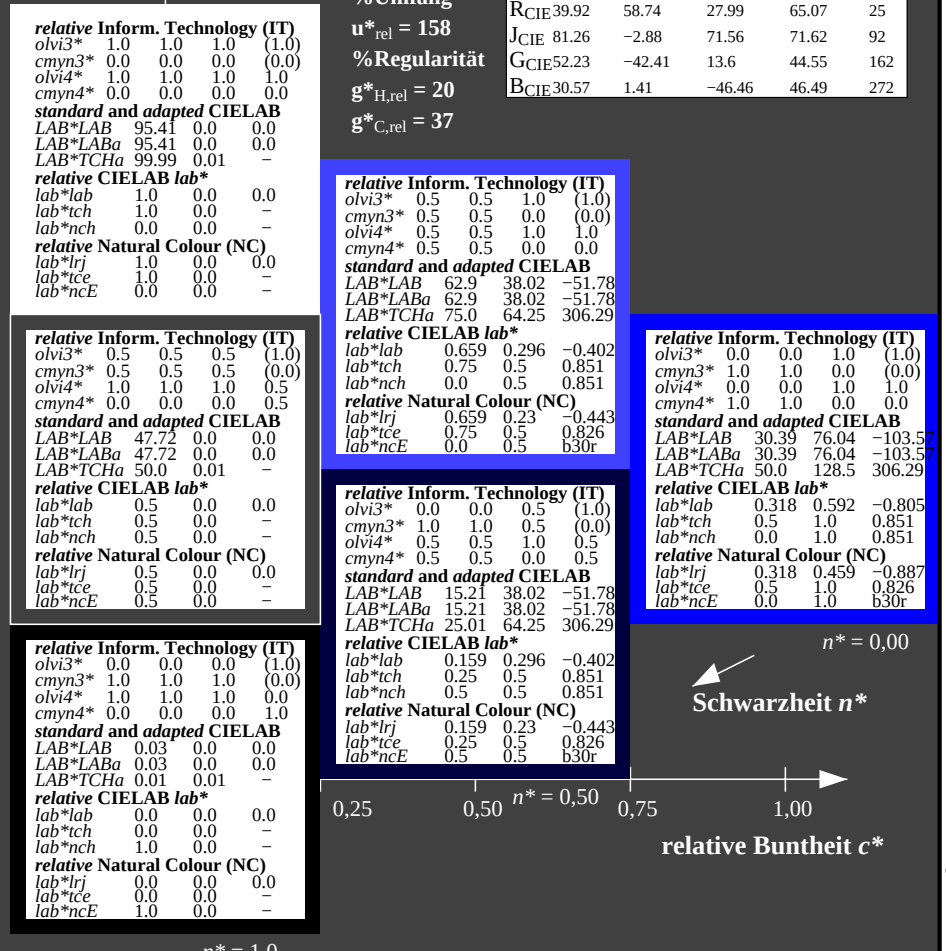


TLS00; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37



***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*	62.9	38.02	−51.78
*LAB*LABa*	62.9	38.02	−51.78
*LAB*TCHa*	75.0	64.25	306.29

relative* CIELAB *lab*

*lab*lab*	0.659	0.296	−0.402
*lab*tch*	0.75	0.5	0.851
*lab*nch*	0.0	0.5	0.851

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

*lab*lrj*	0.659	0.23	−0.443
*lab*tce*	0.75	0.5	0.826
*lab*ncE*	0.0	0.5	b30r

***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*	15.21	38.02	−51.78
*LAB*LABa*	15.21	38.02	−51.78
*LAB*TCHa*	25.01	64.25	306.29

relative* CIELAB *lab*

*lab*lab*	0.159	0.296	−0.402
*lab*tch*	0.25	0.5	0.851
*lab*nch*	0.5	0.5	0.851

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

*lab*lrj*	0.159	0.23	−0.443
*lab*tce*	0.25	0.5	0.826
*lab*ncE*	0.5	0.5	b30r

***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*	30.39	76.04	−103.57
*LAB*LABa*	30.39	76.04	−103.57
*LAB*TCHa*	50.0	128.5	306.29

relative* CIELAB *lab*

*lab*lab*	0.318	0.592	−0.805
*lab*tch*	0.5	1.0	0.851
*lab*nch*	0.0	1.0	0.851

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

*lab*lrj*	0.318	0.459	−0.887
*lab*tce*	0.5	1.0	0.826
*lab*ncE*	0.0	1.0	b30r

RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)
3 stufige Reihen für konstanten CIELAB Buntton 306/360 = 0.851 (rechts)

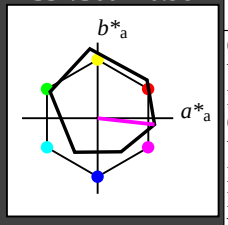
Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G05FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 6/10, Serie: 1/1, Seite: 6 Sättenz hlung 6

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 354/360 = 0.982*
lab*tch* und *lab*nch

A: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 1.0

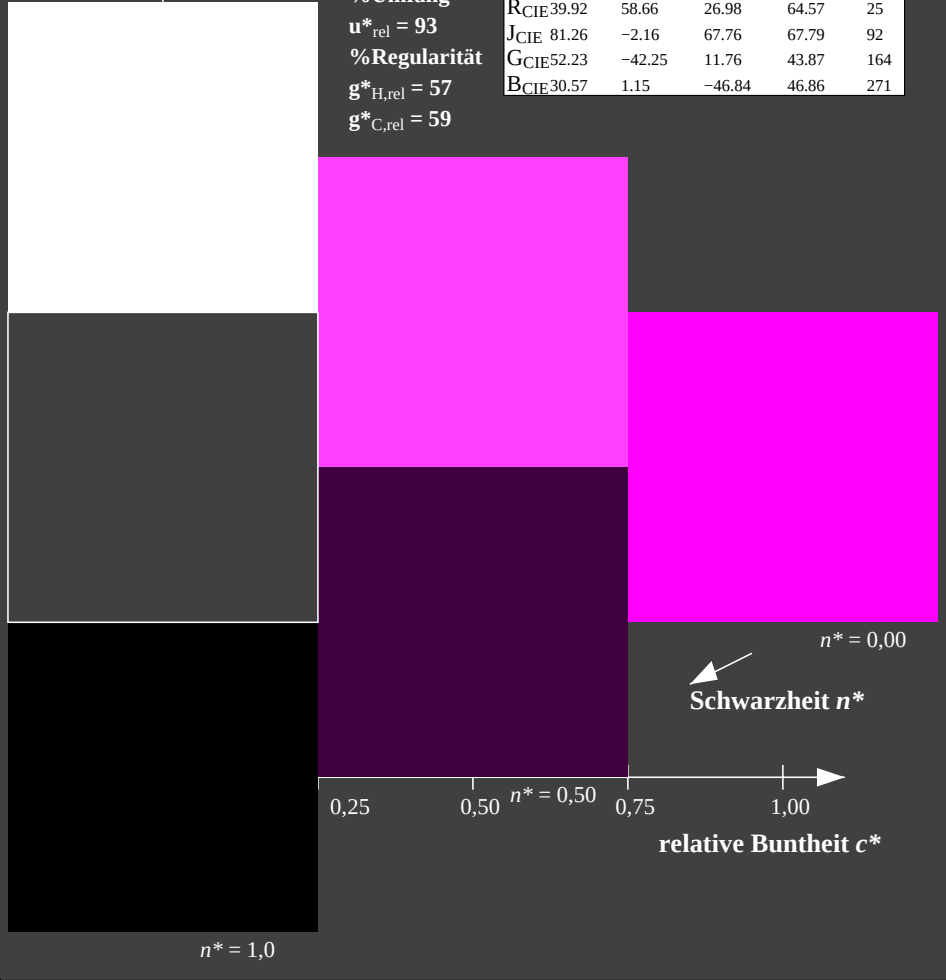
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18; adaptierte CIELAB-Daten

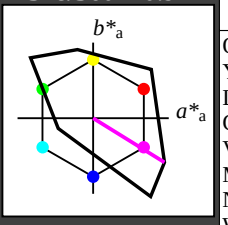
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 328/360 = 0.912*
lab*tch* und *lab*nch

A: Buntton M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0

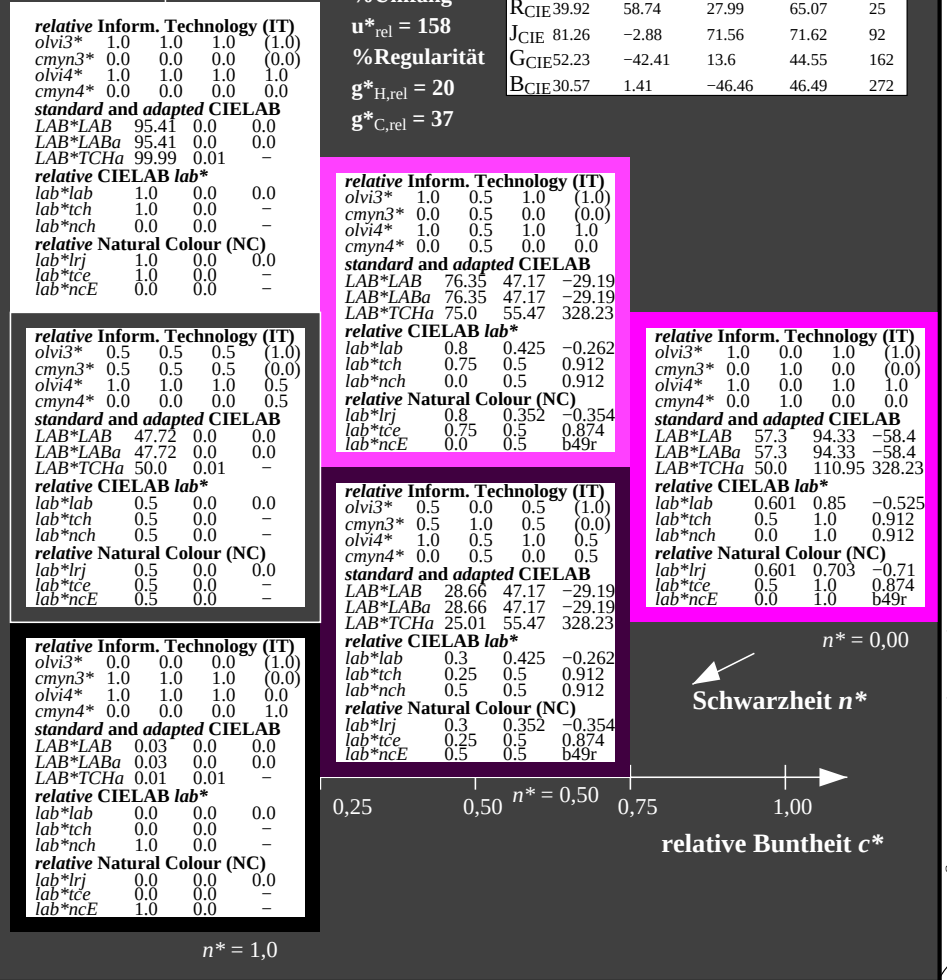
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



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

*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*	76.35	47.17	−29.19
*LAB*LABa*	76.35	47.17	−29.19
*LAB*TCHa*	75.0	55.47	328.23

relative* CIELAB *lab*

*lab*lab*	0.8	0.425	−0.262
*lab*tch*	0.75	0.5	0.912
*lab*nch*	0.0	0.5	0.912

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

*lab*lrj*	0.8	0.352	−0.354
*lab*tce*	0.75	0.5	0.874
*lab*ncE*	0.0	0.5	b49r

***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*	28.66	47.17	−29.19
*LAB*LABa*	28.66	47.17	−29.19
*LAB*TCHa*	25.01	55.47	328.23

relative* CIELAB *lab*

*lab*lab*	0.3	0.425	−0.262
*lab*tch*	0.25	0.5	0.912
*lab*nch*	0.5	0.5	0.912

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

*lab*lrj*	0.3	0.352	−0.354
*lab*tce*	0.25	0.5	0.874
*lab*ncE*	0.5	0.5	b49r

***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*	57.3	94.33	−58.4
*LAB*LABa*	57.3	94.33	−58.4
*LAB*TCHa*	50.0	110.95	328.23

relative* CIELAB *lab*

*lab*lab*	0.601	0.85	−0.525
*lab*tch*	0.5	1.0	0.912
*lab*nch*	0.0	1.0	0.912

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

*lab*lrj*	0.601	0.703	−0.71
*lab*tce*	0.5	1.0	0.874
*lab*ncE*	0.0	1.0	b49r

RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)
3 stufige Reihen für konstanten CIELAB Buntton 328/360 = 0.912 (rechts)

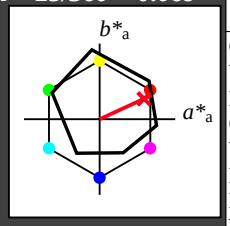
Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G06FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 7/10, Serie: 1/1, Seite: 7 Seitenz hlung 7

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 25/360 = 0.069*
lab*tch* und *lab*nch

A: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

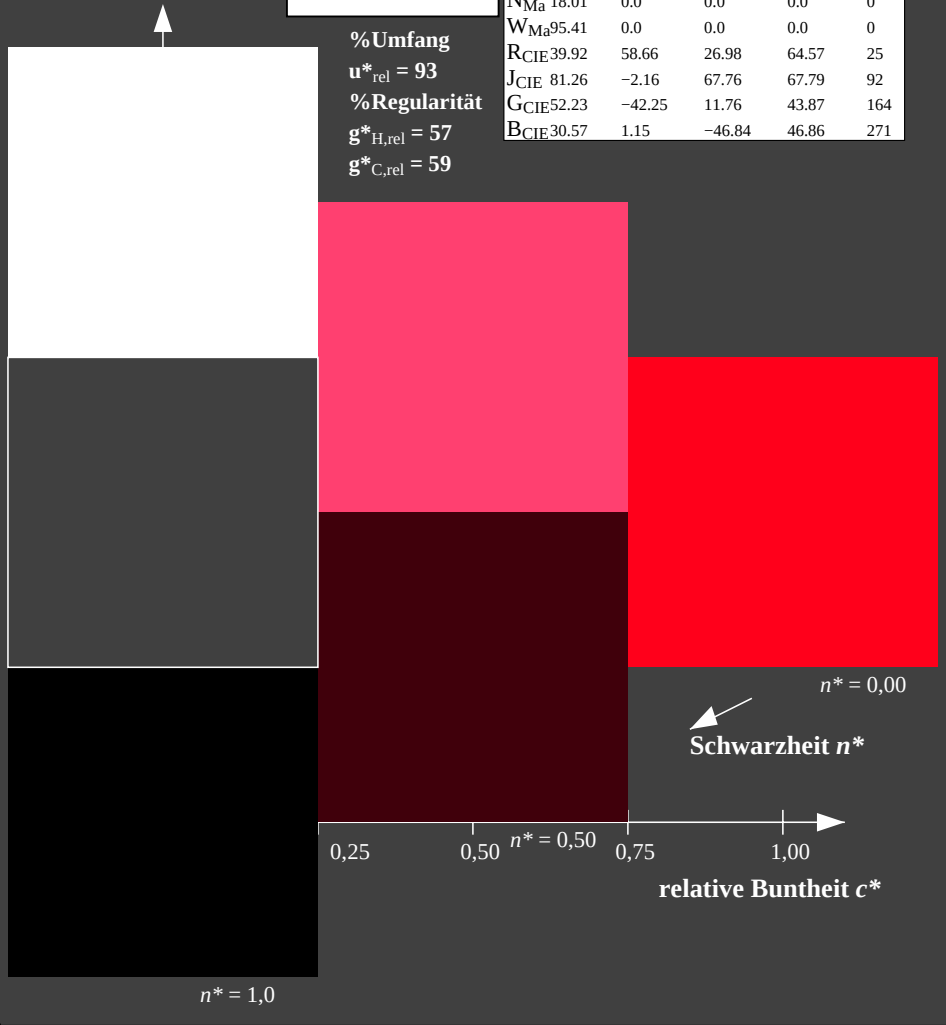
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18; adaptierte CIELAB-Daten

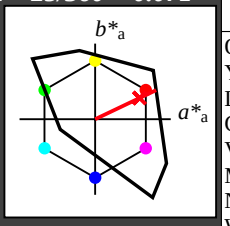
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 25/360 = 0.071*
lab*tch* und *lab*nch

A: Buntton R
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.21

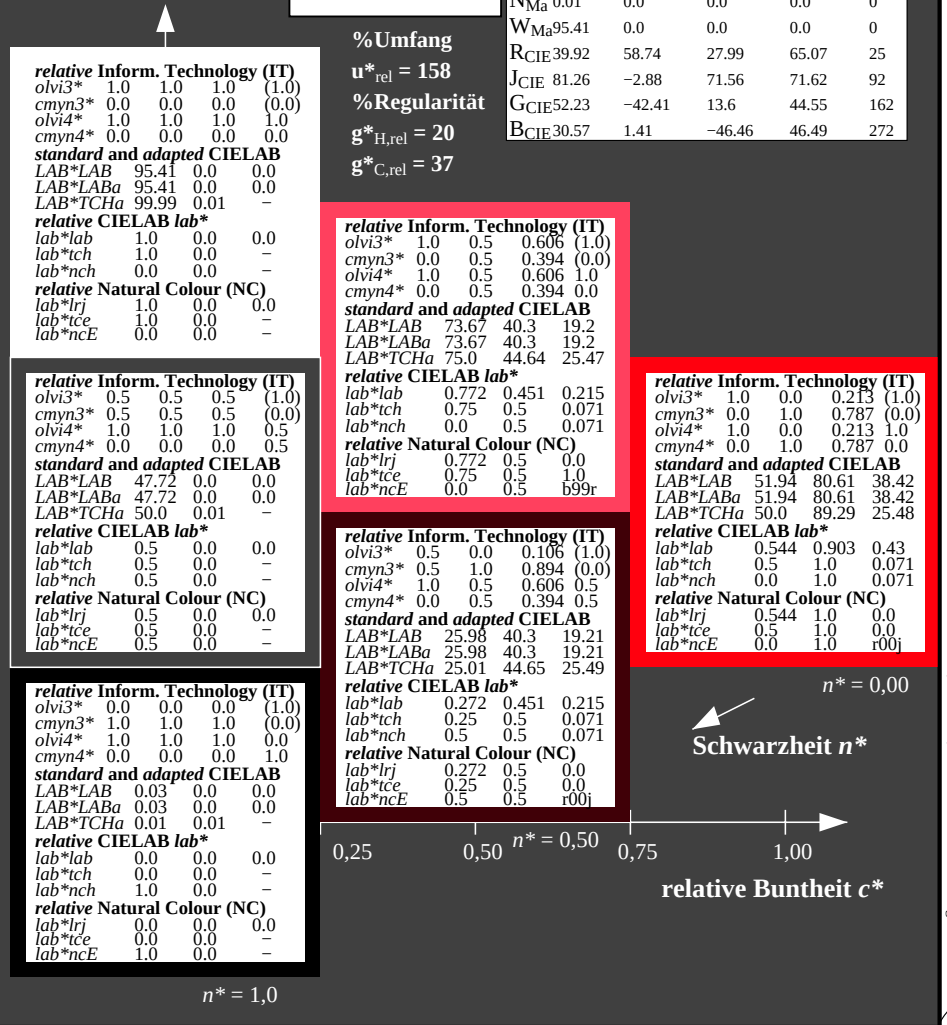
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272



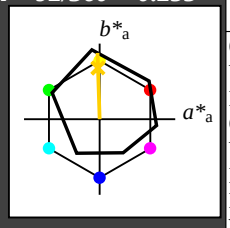
RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)
3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G07FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 8/10, Serie: 1/1, Seite: 8
Seitenz hlung 8

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 92/360 = 0.255*
lab*tch* und *lab*nch

A: Buntton J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

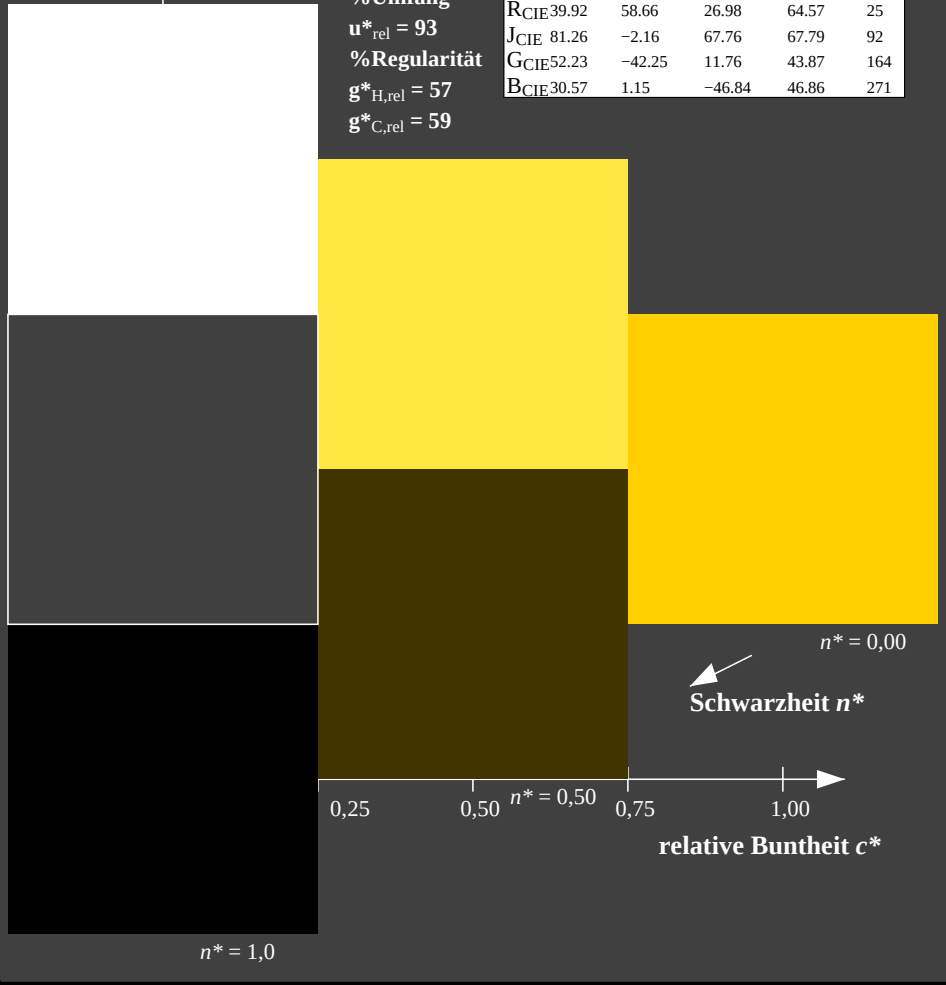


ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

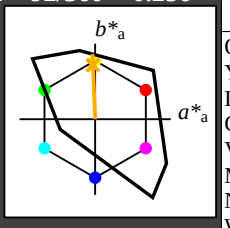
Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 92/360 = 0.256*
lab*tch* und *lab*nch

A: Buntton J
LCH*Ma: 85 86 92
olv*Ma: 1.0 0.82 0.0

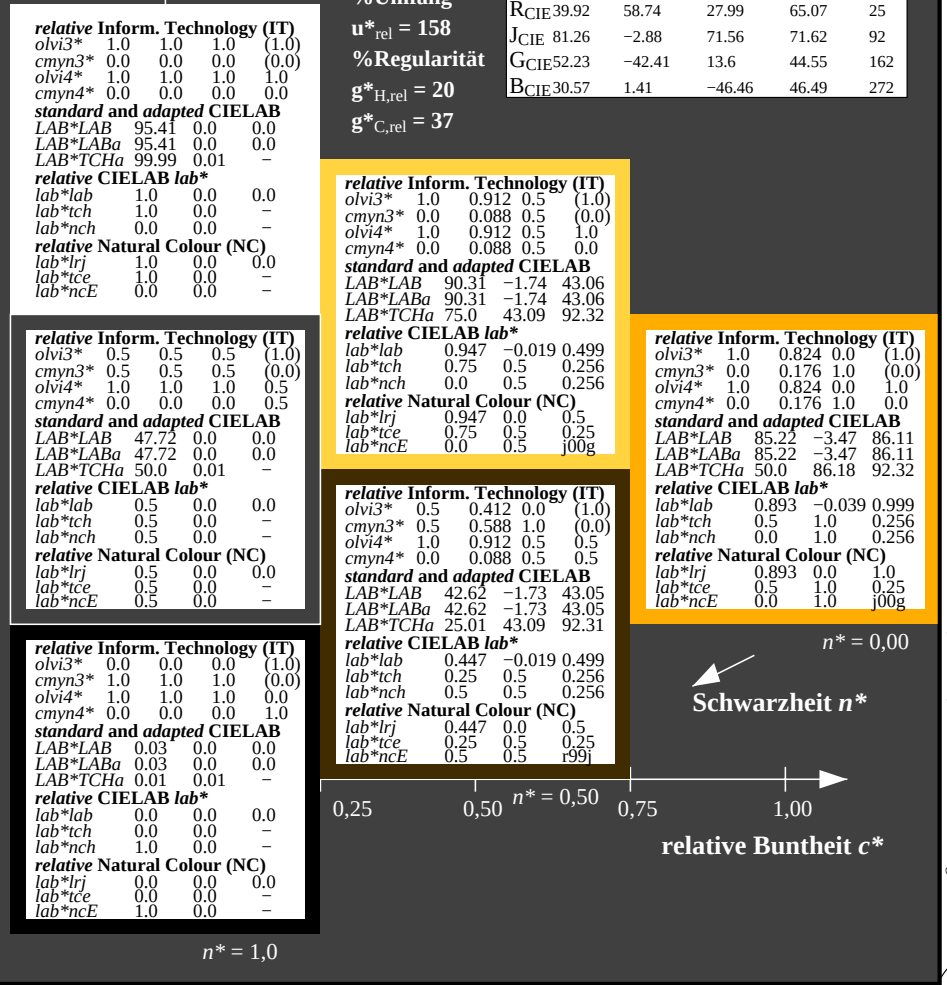


TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37



RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

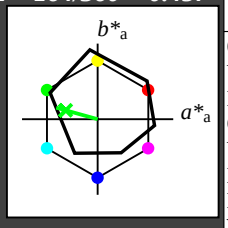
3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G08FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 9/10, Serie: 1/1, Seite: 9
Seitenz hlung 9

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 164/360 = 0.457*
lab*tch* und *lab*nch

A: Buntton G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25

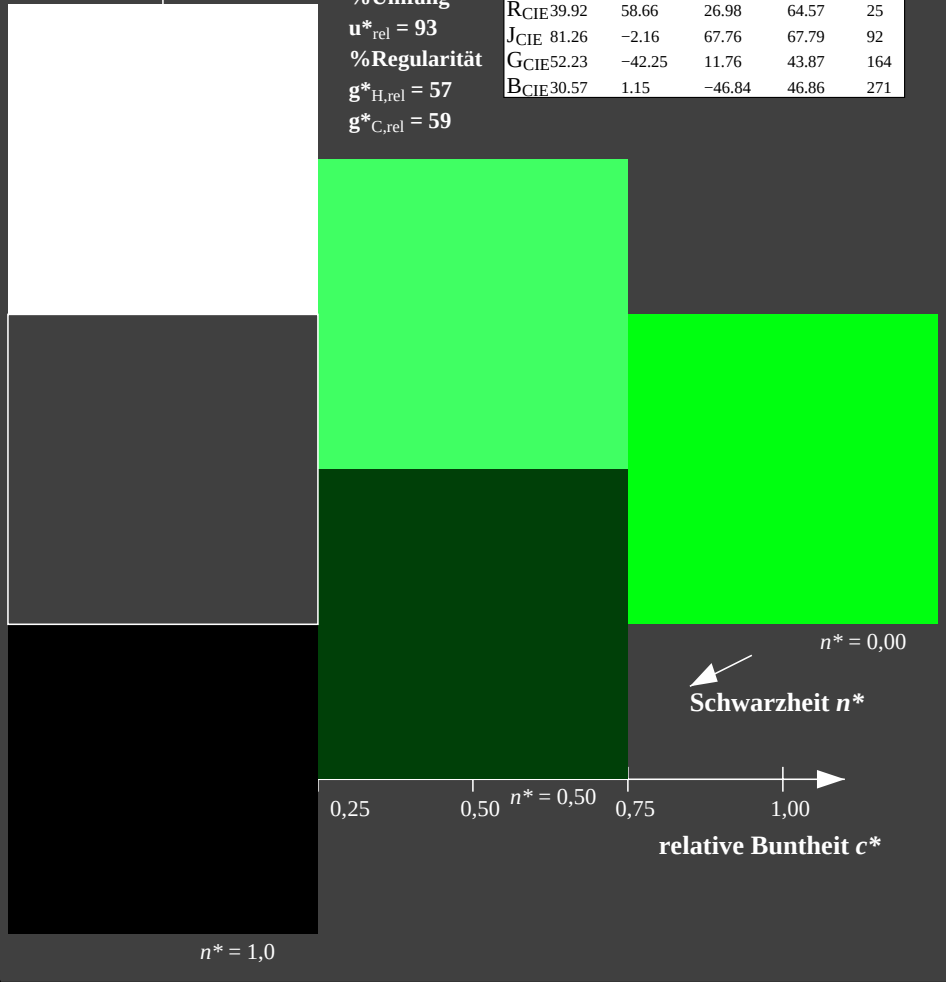


ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

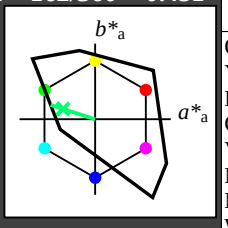
Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 162/360 = 0.451*
lab*tch* und *lab*nch

A: Buntton G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65



TLS00; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37

***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	–

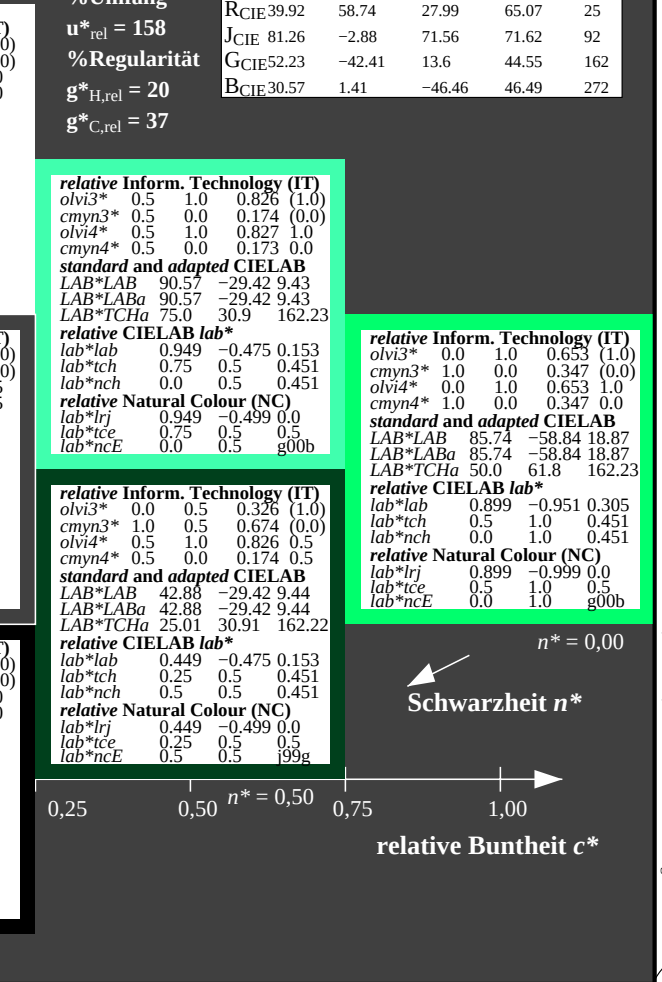
***relative* Inform. Technology (IT)**			
*olvi3**	0.5	0.5	0.5 (1.0)
*cmyn3**	0.5	0.5	0.5 (0.0)
*olvi4**	1.0	1.0	1.0 0.5
*cmyn4**	0.0	0.0	0.0 0.5
***standard* and *adapted* CIELAB**			
*LAB*LAB*	47.72	0.0	0.0
*LAB*LABa*	47.72	0.0	0.0
*LAB*TCHa*	50.0	0.01	–
relative* CIELAB *lab*			
*lab*lab*	0.5	0.0	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	–

***relative* Inform. Technology (IT)**			
*olvi3**	0.5	1.0	0.826 (1.0)
*cmyn3**	0.5	0.0	0.174 (0.0)
*olvi4**	0.5	1.0	0.827 1.0
*cmyn4**	0.5	0.0	0.173 0.0
***standard* and *adapted* CIELAB**			
*LAB*LAB*	90.57	−29.42	9.43
*LAB*LABa*	90.57	−29.42	9.43
*LAB*TCHa*	75.0	30.9	162.23
relative* CIELAB *lab*			
*lab*lab*	0.949	−0.475	0.153
*lab*tch*	0.75	0.5	0.451
*lab*nch*	0.0	0.5	0.451
***relative* Natural Colour (NC)**			
*lab*lrj*	0.949	−0.499	0.0
*lab*tce*	0.75	0.5	0.5
*lab*ncE*	0.0	0.5	g00b

***relative* Inform. Technology (IT)**			
*olvi3**	0.0	0.5	0.326 (1.0)
*cmyn3**	1.0	0.5	0.674 (0.0)
*olvi4**	0.5	1.0	0.826 0.5
*cmyn4**	0.5	0.0	0.174 0.5
***standard* and *adapted* CIELAB**			
*LAB*LAB*	42.88	−29.42	9.44
*LAB*LABa*	42.88	−29.42	9.44
*LAB*TCHa*	25.01	30.91	162.22
relative* CIELAB *lab*			
*lab*lab*	0.449	−0.475	0.153
*lab*tch*	0.25	0.5	0.451
*lab*nch*	0.5	0.5	0.451
***relative* Natural Colour (NC)**			
*lab*lrj*	0.449	−0.499	0.0
*lab*tce*	0.25	0.5	0.5
*lab*ncE*	0.5	0.5	j99g

***relative* Inform. Technology (IT)**			
*olvi3**	0.0	1.0	0.653 (1.0)
*cmyn3**	1.0	0.0	0.347 (0.0)
*olvi4**	0.0	1.0	0.653 1.0
*cmyn4**	1.0	0.0	0.347 0.0
***standard* and *adapted* CIELAB**			
*LAB*LAB*	85.74	−58.84	18.87
*LAB*LABa*	85.74	−58.84	18.87
*LAB*TCHa*	50.0	61.8	162.23
relative* CIELAB *lab*			
*lab*lab*	0.899	−0.951	0.305
*lab*tch*	0.5	1.0	0.451
*lab*nch*	0.0	1.0	0.451
***relative* Natural Colour (NC)**			
*lab*lrj*	0.899	−0.999	0.0
*lab*tce*	0.5	1.0	0.5
*lab*ncE*	0.0	1.0	g00b



RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

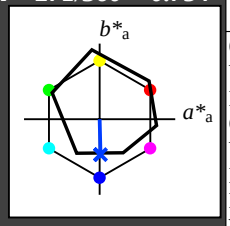
3 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/RG00/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-RG00/10S/S00G09FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/RG00/ Form: 10/10Serie: 1/1, Seite: 10 Seitenz hlung 10

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Buntton *h* = lab*h = 271/360 = 0.754*
lab*tch* und *lab*nch

A: Buntton B
LCH*Ma: 42 45 271
olv*Ma: 0.0 0.49 1.0

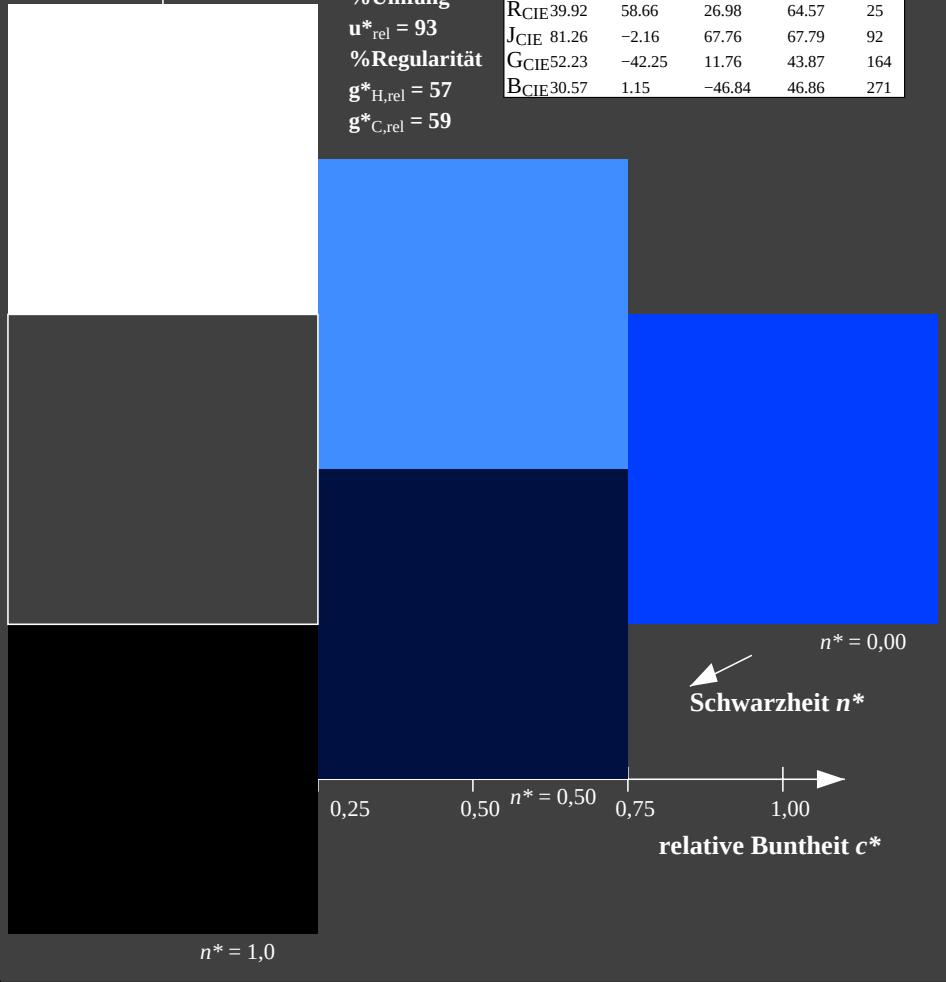


ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

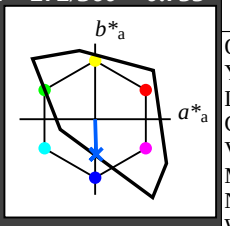
Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 93
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Buntton *h* = lab*h = 272/360 = 0.755*
lab*tch* und *lab*nch

A: Buntton B
LCH*Ma: 65 49 272
olv*Ma: 0.0 0.61 1.0

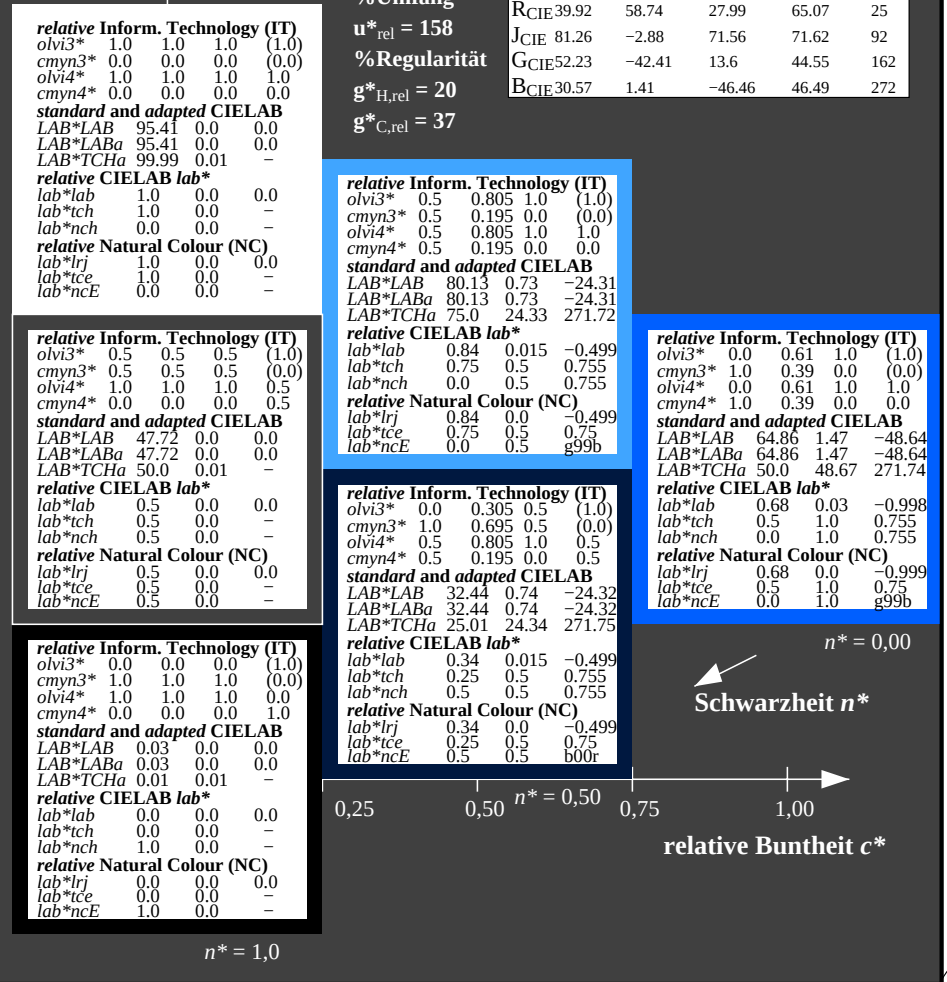


TLS00; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	50.5	76.92	64.55	100.42	40
Y_{Ma}	92.66	−20.69	90.75	93.08	103
L_{Ma}	83.63	−82.75	79.9	115.04	136
C_{Ma}	86.88	−46.16	−13.55	48.12	196
V_{Ma}	30.39	76.06	−103.59	128.52	306
M_{Ma}	57.3	94.35	−58.41	110.97	328
N_{Ma}	0.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 158
%Regularität
$g^*_{H,rel}$ = 20
$g^*_{C,rel}$ = 37



RG000−7, 3 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)
3 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)