www.ps.bam.de/QG50/10Q/Q50G00SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G00SP.DAT im Distiller Startup (S) Directory

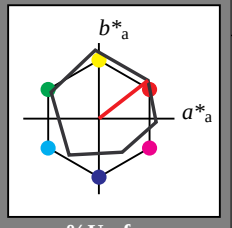
Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

BAM-Registrierung: 20060101-QG50/10Q/Q50G00SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 1/10. Serie: 1/1, Seite: 1 Sattenz hung 1

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 38/360 = 0.105*
*lab*tch* und *lab*nch*

D50: Buntton O
LCH*Ma: 48 82 38
olv*Ma: 1.0 0.0 0.0



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.05	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

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 94

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

1,00
0,75
0,25
0,00

*n** = 1,0
*n** = 0,50
*n** = 0,25
*n** = 0,00

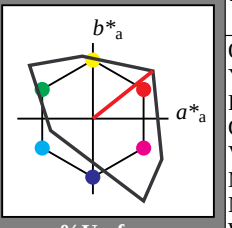
Schwarzheit *n**

0,25 0,50 0,75 1,00
relative Buntheit *c**

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 38/360 = 0.107*
*lab*tch* und *lab*nch*

D50: Buntton O
LCH*Ma: 54 101 38
olv*Ma: 1.0 0.0 0.0



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

Dreiecks-Helligkeit *t**

%Umfang
u^*_{rel} = 156

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

1,00
0,75
0,25
0,00

*n** = 1,0
*n** = 0,50
*n** = 0,25
*n** = 0,00

Schwarzheit *n**

0,25 0,50 0,75 1,00
relative Buntheit *c**

QG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)
5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.107 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

input: *cmy0* setcmykcolor*
output: *Startup (S) data dependend*

www.ps.bam.de/QG50/10Q/Q50G01SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G01SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

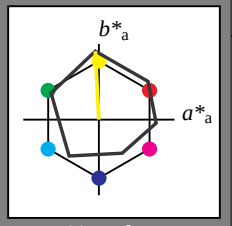
BAM-Registrierung: 20060101-QG50/10Q/Q50G01SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 2/10, Serie: 1/1, Seite: 2 Sattenz hlung 2

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 93/360 = 0.258*
lab*tch* und *lab*nch

D50: Buntton Y
LCH*Ma: 91 91 93
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 94

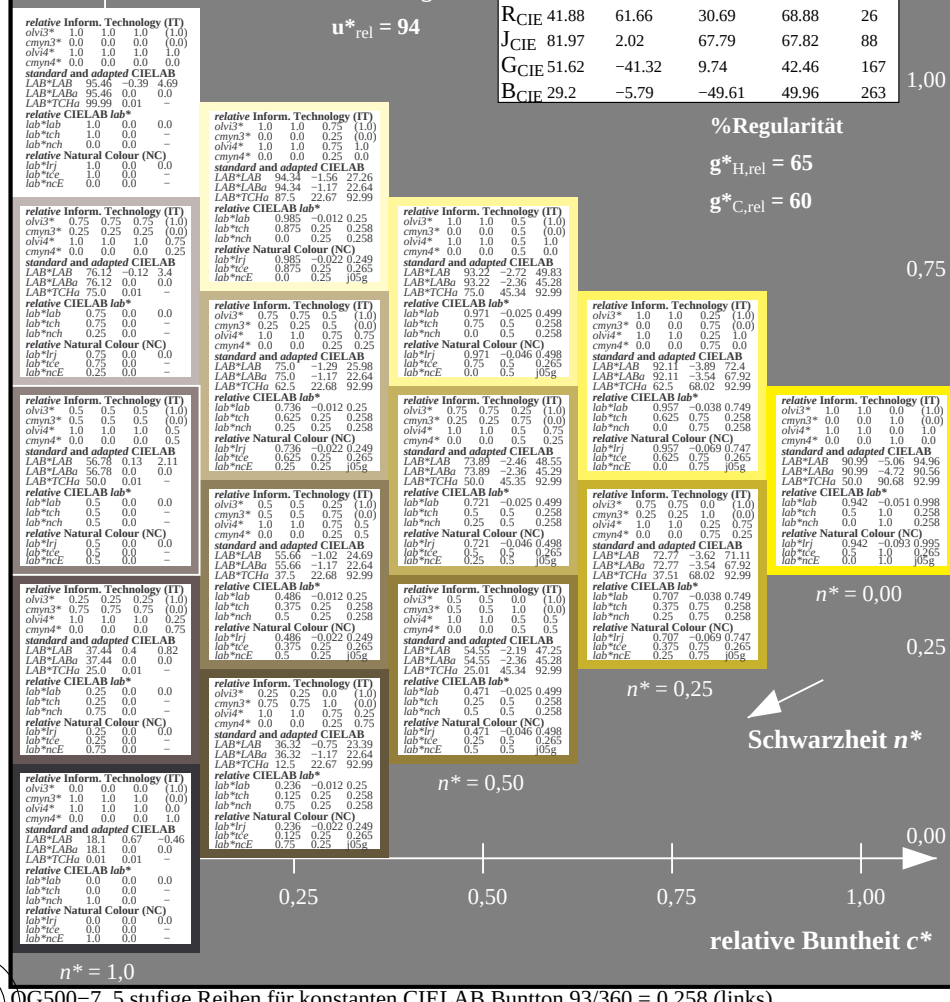
ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.05	50.54	82.38	38
YMa	91.0	−4.72	90.58	90.7	93
LMa	50.9	−63.18	34.98	72.22	151
CMa	56.99	−39.34	−48.1	62.16	231
VMa	25.72	30.89	−44.4	54.09	305
MMa	49.99	75.76	−4.64	75.9	356
NMa	18.09	0.0	0.0	0.0	0
WMa	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	−41.32	9.74	42.46	167
BCIE	29.2	−5.79	−49.61	49.96	263

%Regularität

g*H,rel = 65

g*C,rel = 60

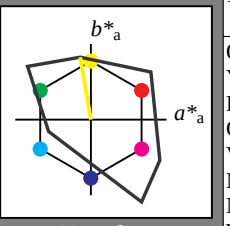


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 100/360 = 0.277*
lab*tch* und *lab*nch

D50: Buntton Y
LCH*Ma: 93 84 100
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 156

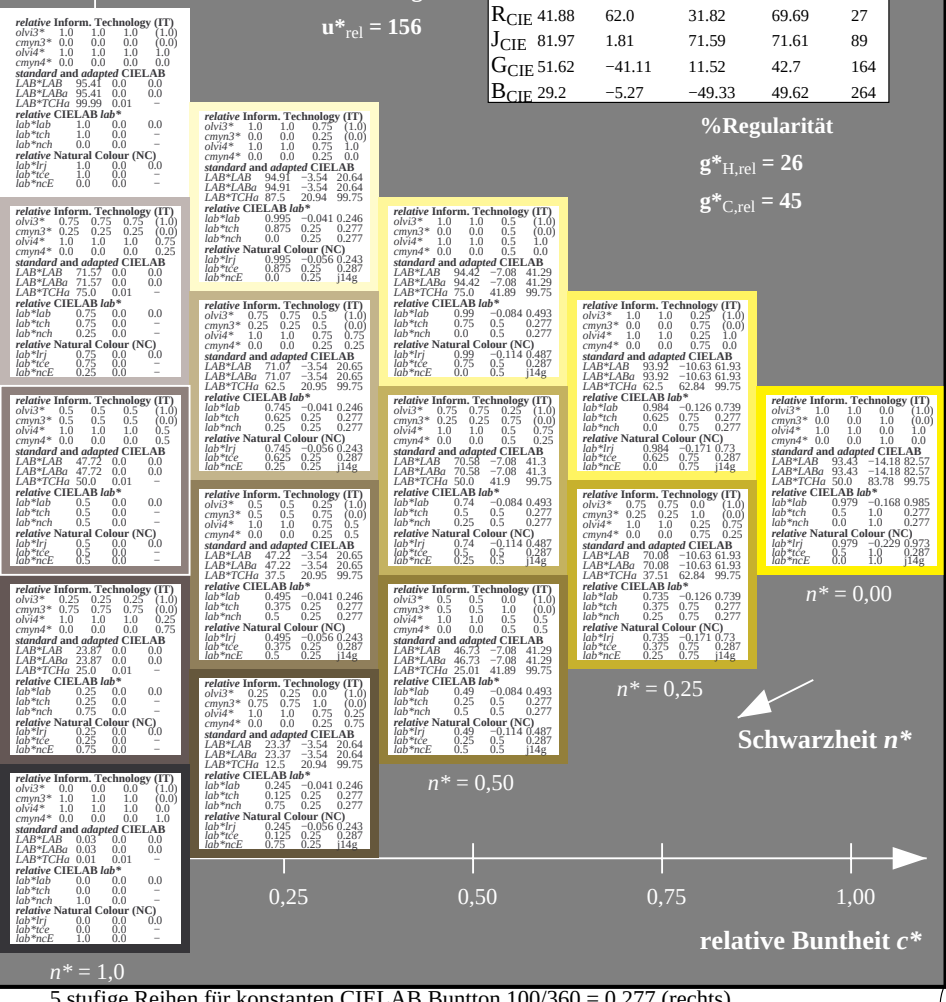
TLS00; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	54.19	79.36	63.0	101.33	38
YMa	93.44	−14.18	82.59	83.8	100
LMa	82.82	−83.73	70.41	109.41	140
CMa	85.22	−55.9	−15.78	58.1	196
VMa	25.61	67.05	−108.87	127.87	302
MMa	58.76	91.18	−53.69	105.82	330
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	−41.11	11.52	42.7	164
BCIE	29.2	−5.27	−49.33	49.62	264

%Regularität

g*H,rel = 26

g*C,rel = 45



QG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 93/360 = 0.258 (links)
5 stufige Reihen für konstanten CIELAB Buntton 100/360 = 0.277 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18 input: *cmy0* setcmykcolor*
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *Startup (S) data dependend*

www.ps.bam.de/QG50/10Q/Q50G02SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G02SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

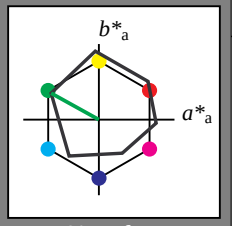
BAM-Registrierung: 20060101-QG50/10Q/Q50G02SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 3/10, Serie: 1/1, Seite: 3 Sattenz hlung 3

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 151/360 = 0.42**
lab*tch* und *lab*nch

D50: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 94

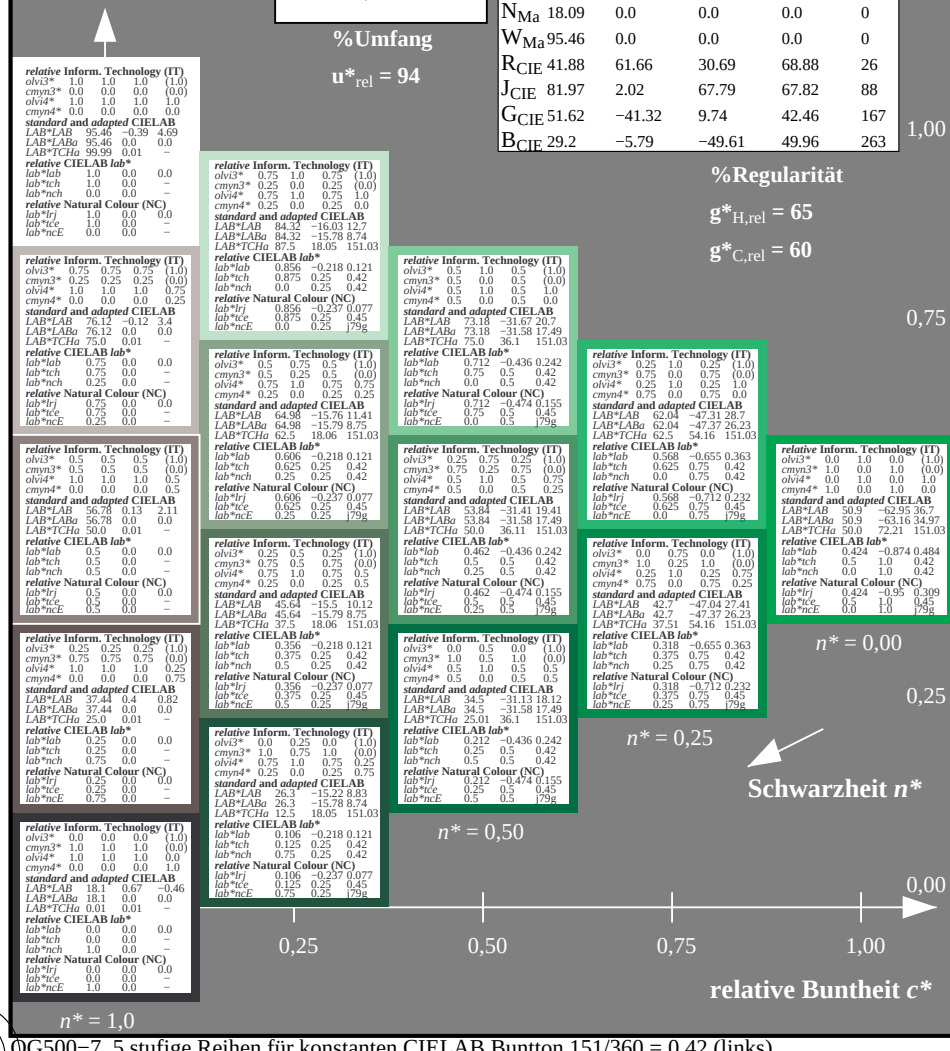
ORS18; adaptierte CIELAB-Daten

	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

%Regularität

g*H,rel = 65

g*C,rel = 60

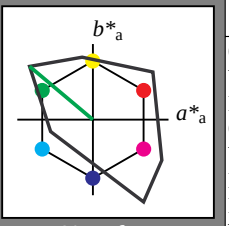


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h = lab*h = 140/360 = 0.389**
lab*tch* und *lab*nch

D50: Buntton L
LCH*Ma: 83 109 140
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 156

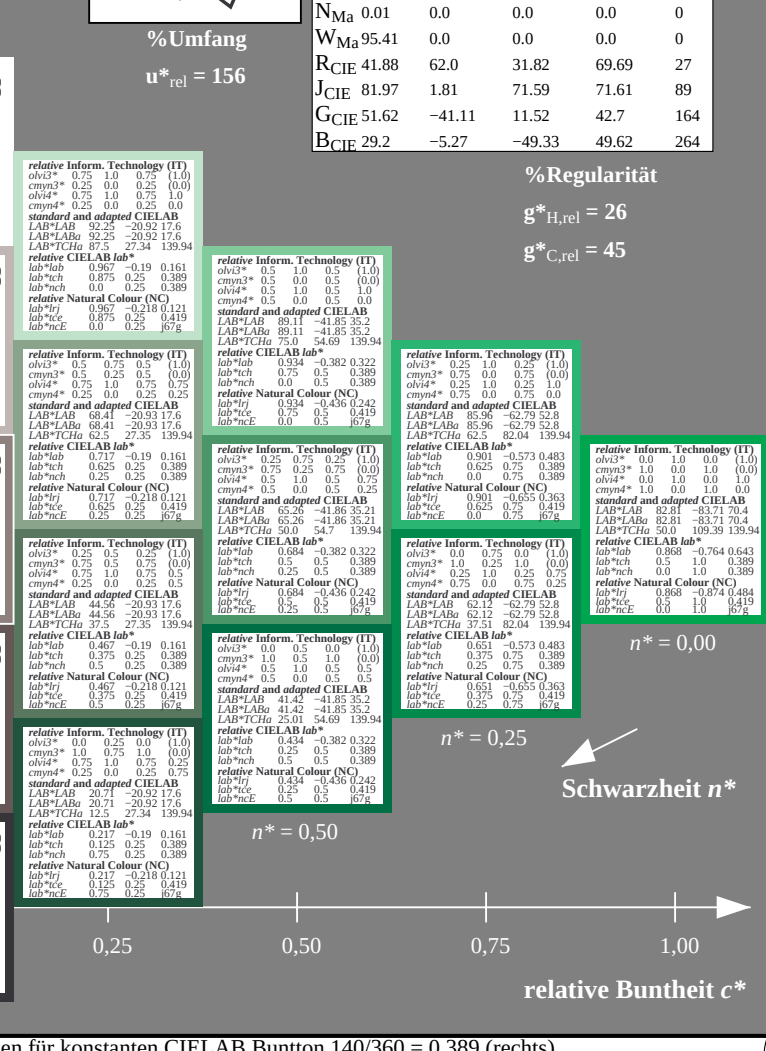
TLS00; adaptierte CIELAB-Daten

	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



OG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)

5 stufige Reihen für konstanten CIELAB Buntton 140/360 = 0.389 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

input: *cmy0* setcmykcolor*
output: *Startup (S) data dependend*

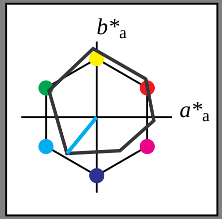
Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 231/360 = 0.641*
lab*tch* und *lab*nch

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

Dreiecks-Helligkeit *t*



%Umfang

u*rel = 94

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

%Regularität

g*H,rel = 65

g*C,rel = 60

*c** = 0,00, *n** = 0,00

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*	95.46	−0.39	4.69	
*LAB*LABa*	95.46	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	–	

*c** = 0,00, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.75	0.75	0.75	(1.0)
*cmyn3**	0.25	0.25	0.25	(0.0)
*olvi4**	1.0	1.0	1.0	0.75
*cmyn4**	0.0	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	76.12	−0.12	3.4	
*LAB*LABa*	76.12	0.0	0.0	
*LAB*TCHa*	75.0	0.01	–	
relative CIELAB *lab**				
*lab*lab*	0.75	0.0	0.0	
*lab*tch*	0.75	0.0	–	
*lab*nch*	0.25	0.0	–	
relative Natural Colour (NC)				
*lab*lrj*	0.75	0.0	0.0	
*lab*tce*	0.75	0.0	–	
*lab*ncE*	0.25	0.0	–	

*c** = 0,00, *n** = 0,50

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*	56.78	0.13	2.11	
*LAB*LABa*	56.78	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	–	

*c** = 0,00, *n** = 0,75

relative Inform. Technology (IT)				
*olvi3**	0.25	0.25	0.25	(1.0)
*cmyn3**	0.75	0.75	0.75	(0.0)
*olvi4**	1.0	1.0	1.0	0.25
*cmyn4**	0.0	0.0	0.0	0.75
standard and *adapted* CIELAB				
*LAB*LAB*	37.44	0.4	0.82	
*LAB*LABa*	37.44	0.0	0.0	
*LAB*TCHa*	25.0	0.01	–	
relative CIELAB *lab**				
*lab*lab*	0.25	0.0	0.0	
*lab*tch*	0.25	0.0	–	
*lab*nch*	0.75	0.0	–	
relative Natural Colour (NC)				
*lab*lrj*	0.25	0.0	0.0	
*lab*tce*	0.25	0.0	–	
*lab*ncE*	0.75	0.0	–	

*c** = 0,00, *n** = 1,0

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*	18.1	0.67	−0.46	
*LAB*LABa*	18.1	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	–	

*c** = 0,25, *n** = 0,00

relative Inform. Technology (IT)				
*olvi3**	0.75	1.0	1.0	(1.0)
*cmyn3**	0.25	0.0	0.0	(0.0)
*olvi4**	0.75	1.0	1.0	1.0
*cmyn4**	0.25	0.0	0.0	0.0
standard and *adapted* CIELAB				
*LAB*LAB*	85.84	−10.09	−7.96	
*LAB*LABa*	85.84	−9.82	−12.01	
*LAB*TCHa*	87.5	15.53	230.72	
relative CIELAB *lab**				
*lab*lab*	0.876	−0.157	−0.192	
*lab*tch*	0.875	0.25	0.641	
*lab*nch*	0.0	0.25	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.876	−0.125	−0.215	
*lab*tce*	0.875	0.25	0.666	
*lab*ncE*	0.0	0.25	g66b	

*c** = 0,25, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.5	0.75	0.75	(1.0)
*cmyn3**	0.5	0.25	0.25	(0.0)
*olvi4**	0.75	1.0	1.0	0.75
*cmyn4**	0.25	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	66.5	−9.83	−9.25	
*LAB*LABa*	66.5	−9.83	−12.02	
*LAB*TCHa*	62.5	15.54	230.72	
relative CIELAB *lab**				
*lab*lab*	0.626	−0.157	−0.193	
*lab*tch*	0.625	0.25	0.641	
*lab*nch*	0.25	0.25	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.626	−0.125	−0.215	
*lab*tce*	0.625	0.25	0.666	
*lab*ncE*	0.25	0.25	g66b	

*c** = 0,25, *n** = 0,50

relative Inform. Technology (IT)				
*olvi3**	0.25	0.5	0.5	(1.0)
*cmyn3**	0.75	0.5	0.5	(0.0)
*olvi4**	0.75	1.0	1.0	0.5
*cmyn4**	0.25	0.0	0.0	0.5
standard and *adapted* CIELAB				
*LAB*LAB*	47.16	−9.56	−10.54	
*LAB*LABa*	47.16	−9.83	−12.02	
*LAB*TCHa*	37.5	15.54	230.72	
relative CIELAB *lab**				
*lab*lab*	0.376	−0.157	−0.193	
*lab*tch*	0.375	0.25	0.641	
*lab*nch*	0.5	0.25	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.376	−0.125	−0.215	
*lab*tce*	0.375	0.25	0.666	
*lab*ncE*	0.5	0.25	g66b	

*c** = 0,25, *n** = 0,75

relative Inform. Technology (IT)				
*olvi3**	0.0	0.25	0.25	(1.0)
*cmyn3**	1.0	0.75	0.75	(0.0)
*olvi4**	0.75	1.0	1.0	0.25
*cmyn4**	0.25	0.0	0.0	0.75
standard and *adapted* CIELAB				
*LAB*LAB*	27.82	−9.29	−11.82	
*LAB*LABa*	27.82	−9.82	−12.01	
*LAB*TCHa*	12.5	15.53	230.72	
relative CIELAB *lab**				
*lab*lab*	0.126	−0.157	−0.192	
*lab*tch*	0.125	0.25	0.641	
*lab*nch*	0.75	0.25	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.126	−0.125	−0.215	
*lab*tce*	0.125	0.25	0.666	
*lab*ncE*	0.75	0.25	g66b	

*c** = 0,50, *n** = 0,00

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*	76.22	−19.8	−20.63	
*LAB*LABa*	76.22	−19.66	−24.04	
*LAB*TCHa*	75.0	31.07	230.72	
relative CIELAB *lab**				
*lab*lab*	0.751	−0.315	−0.386	
*lab*tch*	0.75	0.5	0.641	
*lab*nch*	0.0	0.5	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.751	−0.252	−0.43	
*lab*tce*	0.75	0.5	0.666	
*lab*ncE*	0.0	0.5	g66b	

*c** = 0,50, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.25	0.75	0.75	(1.0)
*cmyn3**	0.75	0.25	0.25	(0.0)
*olvi4**	0.5	1.0	1.0	0.75
*cmyn4**	0.5	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	56.88	−19.53	−21.92	
*LAB*LABa*	56.88	−19.67	−24.05	
*LAB*TCHa*	50.0	31.08	230.72	
relative CIELAB *lab**				
*lab*lab*	0.501	−0.316	−0.386	
*lab*tch*	0.5	0.5	0.641	
*lab*nch*	0.25	0.5	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.501	−0.252	−0.43	
*lab*tce*	0.5	0.5	0.666	
*lab*ncE*	0.25	0.5	g66b	

*c** = 0,50, *n** = 0,50

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*	37.54	−19.26	−23.2	
*LAB*LABa*	37.54	−19.66	−24.04	
*LAB*TCHa*	25.01	31.07	230.72	
relative CIELAB *lab**				
*lab*lab*	0.251	−0.315	−0.386	
*lab*tch*	0.25	0.5	0.641	
*lab*nch*	0.5	0.5	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.251	−0.252	−0.43	
*lab*tce*	0.25	0.5	0.666	
*lab*ncE*	0.5	0.5	g66b	

*c** = 0,75, *n** = 0,00

relative Inform. Technology (IT)				
*olvi3**	0.25	1.0	1.0	(1.0)
*cmyn3**	0.75	0.0	0.0	(0.0)
*olvi4**	0.25	1.0	1.0	1.0
*cmyn4**	0.75	0.0	0.0	0.0
standard and *adapted* CIELAB				
*LAB*LAB*	66.6	−29.5	−33.3	
*LAB*LABa*	66.6	−29.5	−36.07	
*LAB*TCHa*	62.5	46.61	230.72	
relative CIELAB *lab**				
*lab*lab*	0.627	−0.474	−0.579	
*lab*tch*	0.625	0.75	0.641	
*lab*nch*	0.0	0.75	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.627	−0.378	−0.646	
*lab*tce*	0.625	0.75	0.666	
*lab*ncE*	0.0	0.75	g66b	

*c** = 0,75, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.0	0.75	0.75	(1.0)
*cmyn3**	1.0	0.25	0.25	(0.0)
*olvi4**	0.25	1.0	1.0	0.75
*cmyn4**	0.75	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	47.27	−29.23	−34.58	
*LAB*LABa*	47.27	−29.5	−36.07	
*LAB*TCHa*	37.51	46.61	230.72	
relative CIELAB *lab**				
*lab*lab*	0.377	−0.474	−0.579	
*lab*tch*	0.375	0.75	0.641	
*lab*nch*	0.25	0.75	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.377	−0.378	−0.646	
*lab*tce*	0.375	0.75	0.666	
*lab*ncE*	0.25	0.75	g66b	

*c** = 1,00, *n** = 0,00

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*	56.99	−39.2	−45.96	
*LAB*LABa*	56.99	−39.33	−48.09	
*LAB*TCHa*	50.0	62.15	230.72	
relative CIELAB *lab**				
*lab*lab*	0.503	−0.632	−0.773	
*lab*tch*	0.5	1.0	0.641	
*lab*nch*	0.0	1.0	0.641	
relative Natural Colour (NC)				
*lab*lrj*	0.503	−0.505	−0.861	
*lab*tce*	0.5	1.0	0.666	
*lab*ncE*	0.0	1.0	g66b	

1,00 0,75 0,25 0,00

*n** = 0,00 *n** = 0,25 *n** = 0,50 *n** = 1,0

Schwarzheit *n*

0,25 0,50 0,75 1,00

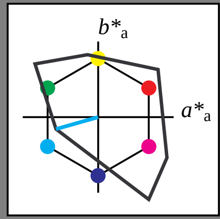
relative Buntheit *c*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 196/360 = 0.544*
lab*tch* und *lab*nch

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

Dreiecks-Helligkeit *t*



%Umfang

u*rel = 156

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

*c** = 0,00, *n** = 0,00

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	–	

*c** = 0,00, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.75	0.75	0.75	(1.0)
*cmyn3**	0.25	0.25	0.25	(0.0)
*olvi4**	1.0	1.0	1.0	0.75
*cmyn4**	0.0	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	71.57	0.0	0.0	
*LAB*LABa*	71.57	0.0	0.0	
*LAB*TCHa*	75.0	0.01	–	
relative CIELAB *lab**				
*lab*lab*	0.75	0.0	0.0	
*lab*tch*	0.75	0.0	–	
*lab*nch*	0.25	0.0	–	
relative Natural Colour (NC)				
*lab*lrj*	0.75	0.0	0.0	
*lab*tce*	0.75	0.0	–	
*lab*ncE*	0.25	0.0	–	

*c** = 0,00, *n** = 0,50

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	–	

*c** = 0,00, *n** = 0,75

relative Inform. Technology (IT)				
*olvi3**	0.25	0.25	0.25	(1.0)
*cmyn3**	0.75	0.75	0.75	(0.0)
*olvi4**	1.0	1.0	1.0	0.25
*cmyn4**	0.0	0.0	0.0	0.75
standard and *adapted* CIELAB				
*LAB*LAB*	23.87	0.0	0.0	
*LAB*LABa*	23.87	0.0	0.0	
*LAB*TCHa*	25.0	0.01	–	
relative CIELAB *lab**				
*lab*lab*	0.25	0.0	0.0	
*lab*tch*	0.25	0.0	–	
*lab*nch*	0.75	0.0	–	
relative Natural Colour (NC)				
*lab*lrj*	0.25	0.0	0.0	
*lab*tce*	0.25	0.0	–	
*lab*ncE*	0.75	0.0	–	

*c** = 0,00, *n** = 1,0

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	–	

*c** = 0,25, *n** = 0,00

relative Inform. Technology (IT)				
*olvi3**	0.75	1.0	1.0	(1.0)
*cmyn3**	0.25	0.0	0.0	(0.0)
*olvi4**	0.75	1.0	1.0	1.0
*cmyn4**	0.25	0.0	0.0	0.0
standard and *adapted* CIELAB				
*LAB*LAB*	92.85	−13.96	−3.94	
*LAB*LABa*	92.85	−13.96	−3.94	
*LAB*TCHa*	87.5	14.52	195.77	
relative CIELAB *lab**				
*lab*lab*	0.973	−0.239	−0.067	
*lab*tch*	0.875	0.25	0.544	
*lab*nch*	0.0	0.25	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.973	−0.219	−0.118	
*lab*tce*	0.875	0.25	0.579	
*lab*ncE*	0.0	0.25	g31b	

*c** = 0,25, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.5	0.75	0.75	(1.0)
*cmyn3**	0.5	0.25	0.25	(0.0)
*olvi4**	0.75	1.0	1.0	0.75
*cmyn4**	0.25	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	69.01	−13.97	−3.94	
*LAB*LABa*	69.01	−13.97	−3.94	
*LAB*TCHa*	62.5	14.52	195.77	
relative CIELAB *lab**				
*lab*lab*	0.723	−0.24	−0.067	
*lab*tch*	0.625	0.25	0.544	
*lab*nch*	0.25	0.25	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.723	−0.219	−0.118	
*lab*tce*	0.625	0.25	0.579	
*lab*ncE*	0.25	0.25	g31b	

*c** = 0,25, *n** = 0,50

relative Inform. Technology (IT)				
*olvi3**	0.25	0.5	0.5	(1.0)
*cmyn3**	0.75	0.5	0.5	(0.0)
*olvi4**	0.75	1.0	1.0	0.5
*cmyn4**	0.25	0.0	0.0	0.5
standard and *adapted* CIELAB				
*LAB*LAB*	45.16	−13.97	−3.94	
*LAB*LABa*	45.16	−13.97	−3.94	
*LAB*TCHa*	37.5	14.52	195.77	
relative CIELAB *lab**				
*lab*lab*	0.473	−0.24	−0.067	
*lab*tch*	0.375	0.25	0.544	
*lab*nch*	0.5	0.25	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.473	−0.219	−0.118	
*lab*tce*	0.375	0.25	0.579	
*lab*ncE*	0.5	0.25	g31b	

*c** = 0,25, *n** = 0,75

relative Inform. Technology (IT)				
*olvi3**	0.0	0.25	0.25	(1.0)
*cmyn3**	1.0	0.75	0.75	(0.0)
*olvi4**	0.75	1.0	1.0	0.25
*cmyn4**	0.25	0.0	0.0	0.75
standard and *adapted* CIELAB				
*LAB*LAB*	21.31	−13.96	−3.94	
*LAB*LABa*	21.31	−13.96	−3.94	
*LAB*TCHa*	12.5	14.52	195.77	
relative CIELAB *lab**				
*lab*lab*	0.223	−0.239	−0.067	
*lab*tch*	0.125	0.25	0.544	
*lab*nch*	0.75	0.25	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.223	−0.219	−0.118	
*lab*tce*	0.125	0.25	0.579	
*lab*ncE*	0.75	0.25	g31b	

*c** = 0,50, *n** = 0,00

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*	90.31	−27.94	−7.88	
*LAB*LABa*	90.31	−27.94	−7.88	
*LAB*TCHa*	75.0	29.04	195.77	
relative CIELAB *lab**				
*lab*lab*	0.947	−0.48	−0.135	
*lab*tch*	0.75	0.5	0.544	
*lab*nch*	0.0	0.5	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.947	−0.439	−0.237	
*lab*tce*	0.75	0.5	0.579	
*lab*ncE*	0.0	0.5	g31b	

*c** = 0,50, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.25	0.75	0.75	(1.0)
*cmyn3**	0.75	0.25	0.25	(0.0)
*olvi4**	0.5	1.0	1.0	0.75
*cmyn4**	0.5	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	66.47	−27.95	−7.89	
*LAB*LABa*	66.47	−27.95	−7.89	
*LAB*TCHa*	50.0	29.05	195.77	
relative CIELAB *lab**				
*lab*lab*	0.697	−0.48	−0.135	
*lab*tch*	0.5	0.5	0.544	
*lab*nch*	0.25	0.5	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.697	−0.439	−0.237	
*lab*tce*	0.5	0.5	0.579	
*lab*ncE*	0.25	0.5	g31b	

*c** = 0,50, *n** = 0,50

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*	42.62	−27.94	−7.88	
*LAB*LABa*	42.62	−27.94	−7.88	
*LAB*TCHa*	25.01	29.04	195.77	
relative CIELAB *lab**				
*lab*lab*	0.447	−0.48	−0.135	
*lab*tch*	0.25	0.5	0.544	
*lab*nch*	0.5	0.5	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.447	−0.439	−0.237	
*lab*tce*	0.25	0.5	0.579	
*lab*ncE*	0.5	0.5	g31b	

*c** = 0,75, *n** = 0,00

relative Inform. Technology (IT)				
*olvi3**	0.25	1.0	1.0	(1.0)
*cmyn3**	0.75	0.0	0.0	(0.0)
*olvi4**	0.25	1.0	1.0	1.0
*cmyn4**	0.75	0.0	0.0	0.0
standard and *adapted* CIELAB				
*LAB*LAB*	87.76	−41.92	−11.83	
*LAB*LABa*	87.76	−41.92	−11.83	
*LAB*TCHa*	62.5	43.57	195.77	
relative CIELAB *lab**				
*lab*lab*	0.92	−0.721	−0.203	
*lab*tch*	0.625	0.75	0.544	
*lab*nch*	0.0	0.75	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.92	−0.659	−0.356	
*lab*tce*	0.625	0.75	0.579	
*lab*ncE*	0.0	0.75	g31b	

*c** = 0,75, *n** = 0,25

relative Inform. Technology (IT)				
*olvi3**	0.0	0.75	0.75	(1.0)
*cmyn3**	1.0	0.25	0.25	(0.0)
*olvi4**	0.25	1.0	1.0	0.75
*cmyn4**	0.75	0.0	0.0	0.25
standard and *adapted* CIELAB				
*LAB*LAB*	63.92	−41.92	−11.83	
*LAB*LABa*	63.92	−41.92	−11.83	
*LAB*TCHa*	37.51	43.57	195.77	
relative CIELAB *lab**				
*lab*lab*	0.67	−0.721	−0.203	
*lab*tch*	0.375	0.75	0.544	
*lab*nch*	0.25	0.75	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.67	−0.659	−0.356	
*lab*tce*	0.375	0.75	0.579	
*lab*ncE*	0.25	0.75	g31b	

*c** = 1,00, *n** = 0,00

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*	85.21	−55.89	−15.78	
*LAB*LABa*	85.21	−55.89	−15.78	
*LAB*TCHa*	50.0	58.09	195.77	
relative CIELAB *lab**				
*lab*lab*	0.893	−0.961	−0.271	
*lab*tch*	0.5	1.0	0.544	
*lab*nch*	0.0	1.0	0.544	
relative Natural Colour (NC)				
*lab*lrj*	0.893	−0.878	−0.475	
*lab*tce*	0.5	1.0	0.579	
*lab*ncE*	0.0	1.0	g31b	

*n** = 0,00 *n** = 0,25 *n** = 0,50 *n** = 1,0

Schwarzheit *n*

0,25 0,50 0,75 1,00

relative Buntheit *c*

QG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 231/360 = 0.641 (links) 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.544 (rechts)

BAM-Registrierung: 20060101-QG50/10Q/Q50G03SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

www.ps.bam.de/QG50/10Q/Q50G04SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G04SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

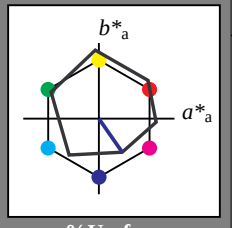
BAM-Registrierung: 20060101-QG50/10Q/Q50G04SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 5/10. Serie: 1/1, Seite: 5 Sattenz hlung 5

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 305/360 = 0.847*
lab*tch* und *lab*nch

D50: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u^*_{rel} = 94

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

%Regularität

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

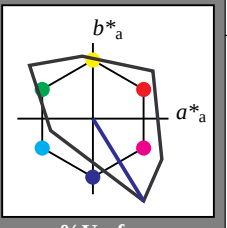
$g^*_{C,rel}$ = 60

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 302/360 = 0.838*
lab*tch* und *lab*nch

D50: Buntton V
LCH*Ma: 26 128 302
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u^*_{rel} = 156

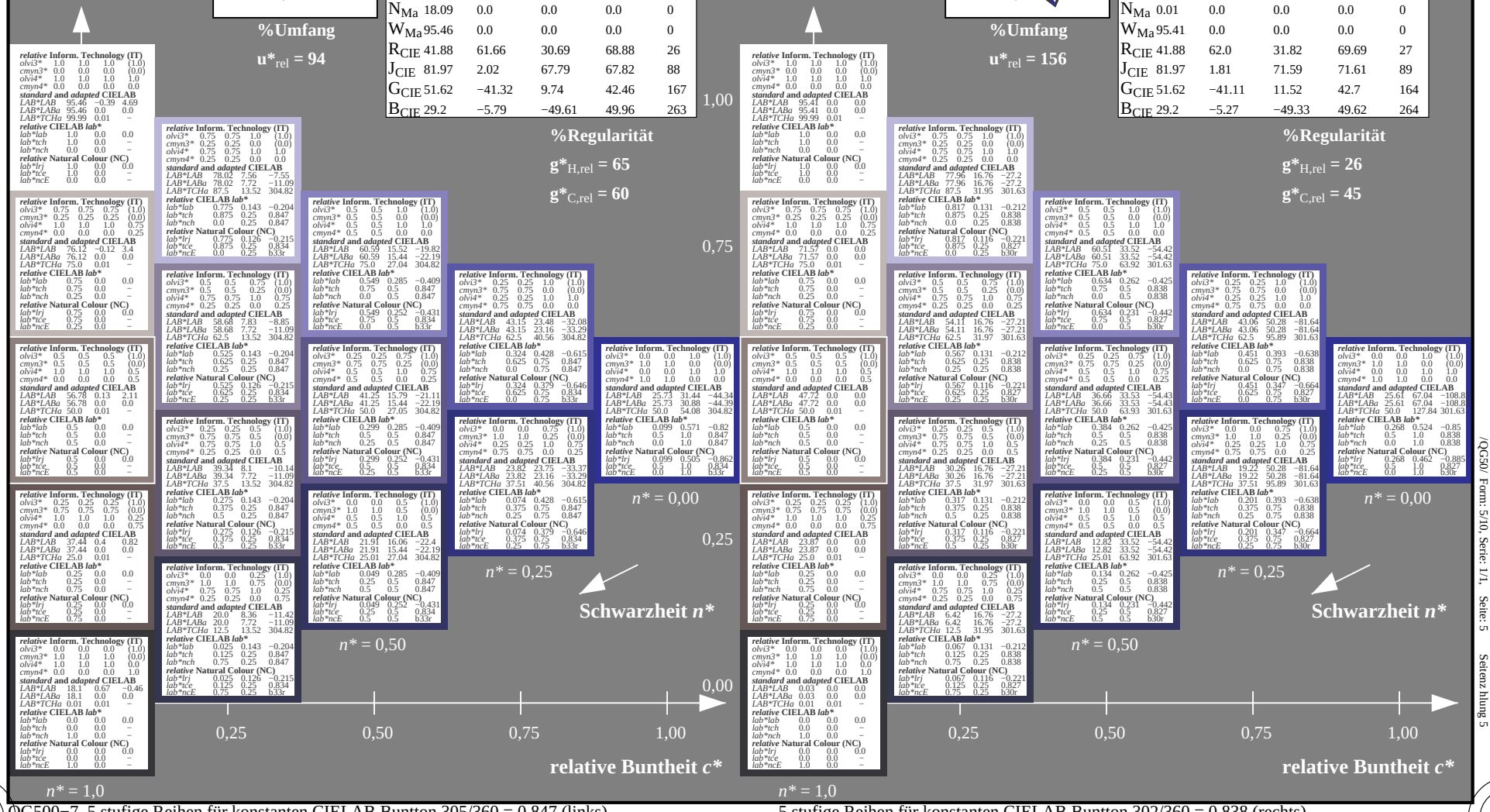
TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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



OG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

5 stufige Reihen für konstanten CIELAB Buntton 302/360 = 0.838 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18 input: *cmy0* setcmykcolor*
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *Startup (S) data dependend*

www.ps.bam.de/QG50/10Q/Q50G05SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G05SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

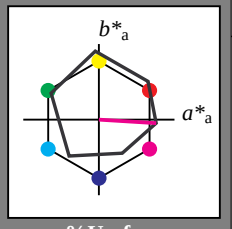
BAM-Registrierung: 20060101-QG50/10Q/Q50G05SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 6/10, Serie: 1/1, Seite: 6 Sattelstreifung 6

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 356/360 = 0.99**
lab*tch* und *lab*nch

D50: Buntton M
LCH*Ma: 50 76 356
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 94

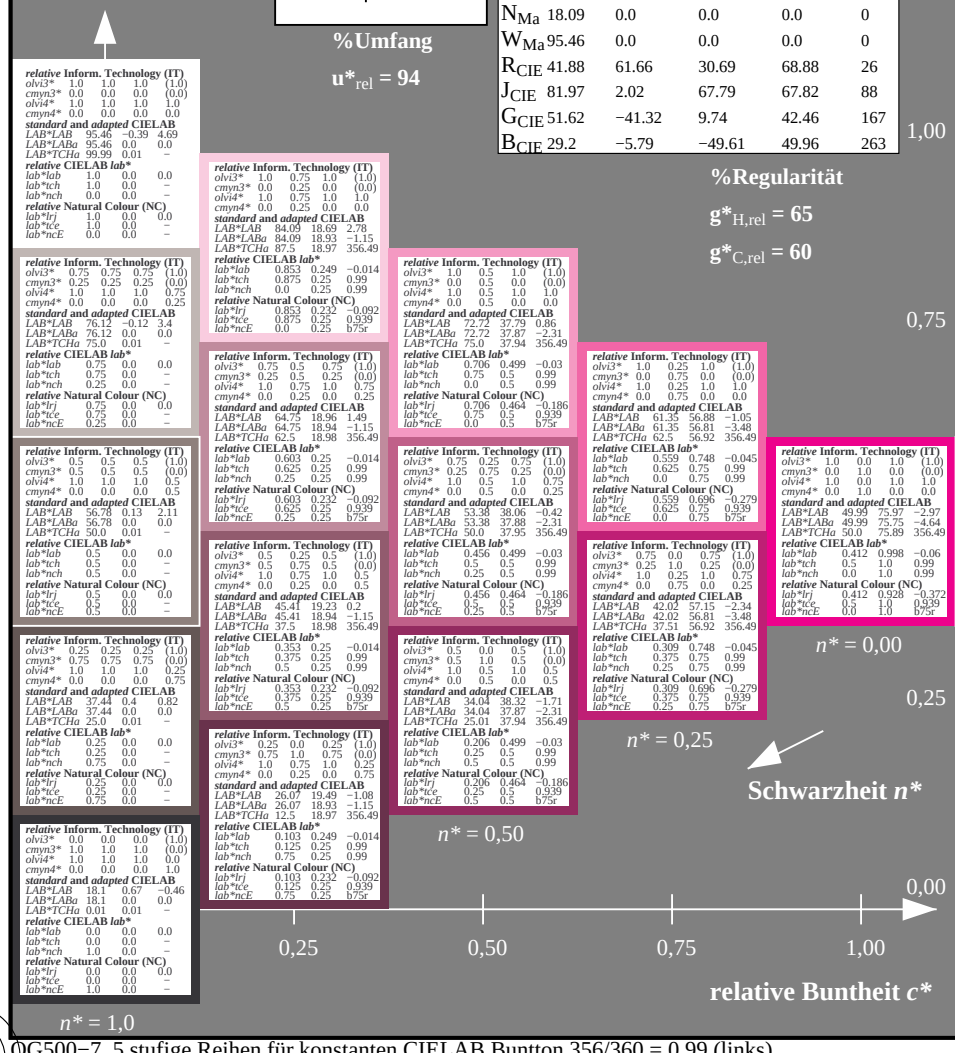
ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.05	50.54	82.38	38
YMa	91.0	−4.72	90.58	90.7	93
LMa	50.9	−63.18	34.98	72.22	151
CMa	56.99	−39.34	−48.1	62.16	231
VMa	25.72	30.89	−44.4	54.09	305
MMa	49.99	75.76	−4.64	75.9	356
NMa	18.09	0.0	0.0	0.0	0
WMa	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	−41.32	9.74	42.46	167
BCIE	29.2	−5.79	−49.61	49.96	263

%Regularität

g*H,rel = 65

g*C,rel = 60



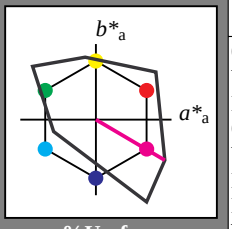
OG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 356/360 = 0.99 (links)

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h = lab*h = 330/360 = 0.915**
lab*tch* und *lab*nch

D50: Buntton M
LCH*Ma: 59 106 330
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 156

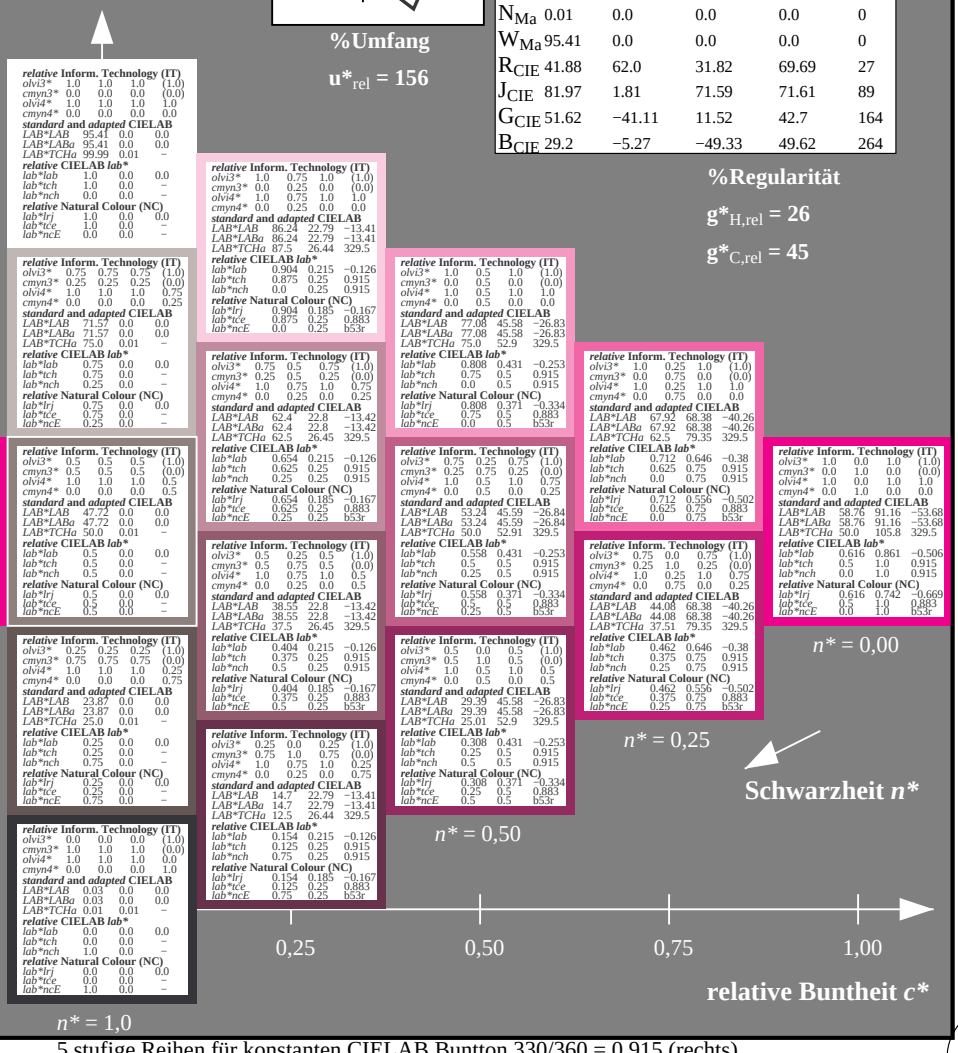
TLS00; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	54.19	79.36	63.0	101.33	38
YMa	93.44	−14.18	82.59	83.8	100
LMa	82.82	−83.73	70.41	109.41	140
CMa	85.22	−55.9	−15.78	58.1	196
VMa	25.61	67.05	−108.87	127.87	302
MMa	58.76	91.18	−53.69	105.82	330
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	−41.11	11.52	42.7	164
BCIE	29.2	−5.27	−49.33	49.62	264

%Regularität

g*H,rel = 26

g*C,rel = 45



5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.915 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18 input: *cmy0* setcmykcolor*
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *Startup (S) data dependend*

www.ps.bam.de/QG50/10Q/Q50G06SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G06SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

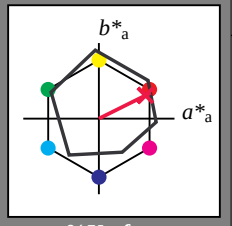
BAM-Registrierung: 20060101-QG50/10Q/Q50G06SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 7/10, Serie: 1/1, Seite: 7 Sattelstanz hlung 7

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 26/360 = 0.074**
lab*tch* und *lab*nch

D50: Buntton R
LCH*Ma: 49 76 26
olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit *t**



%Umfang

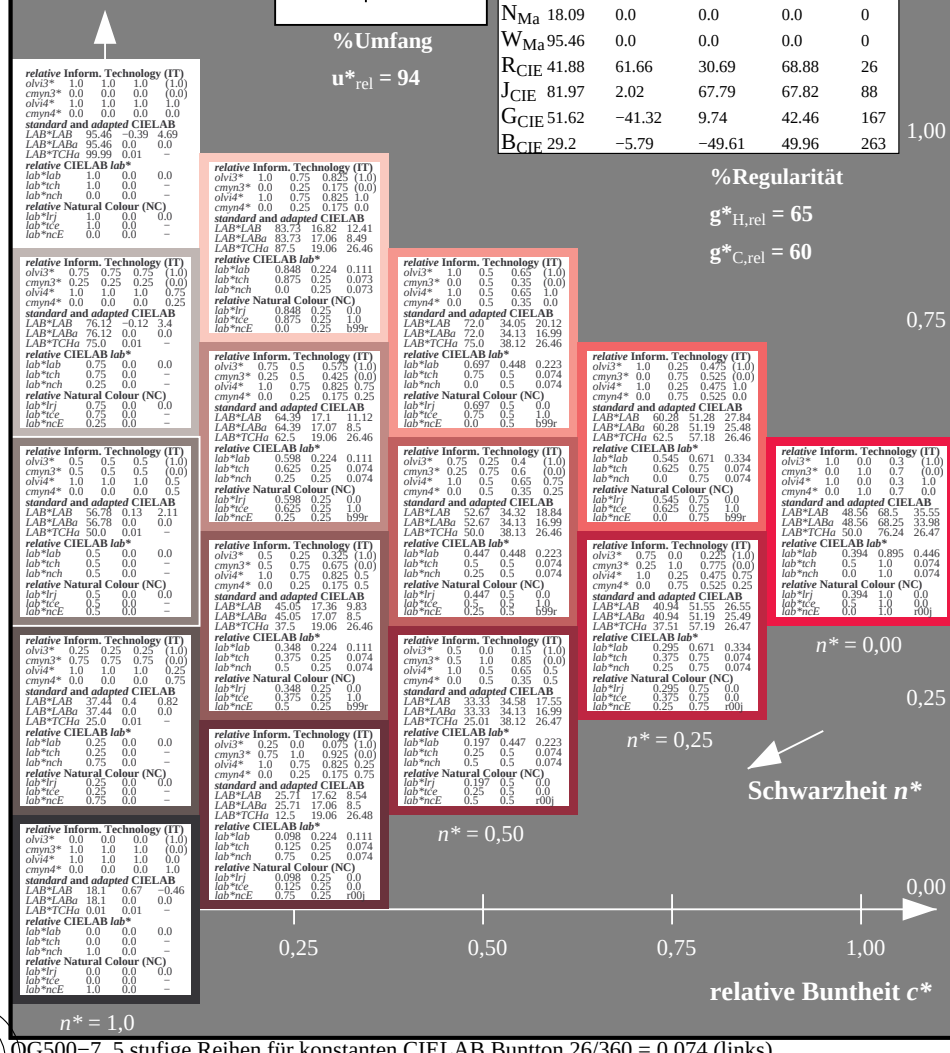
u*rel = 94

ORS18; adaptierte CIELAB-Daten	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.05	50.54	82.38	38
YMa	91.0	−4.72	90.58	90.7	93
LMa	50.9	−63.18	34.98	72.22	151
CMa	56.99	−39.34	−48.1	62.16	231
VMa	25.72	30.89	−44.4	54.09	305
MMa	49.99	75.76	−4.64	75.9	356
NMa	18.09	0.0	0.0	0.0	0
WMa	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	−41.32	9.74	42.46	167
BCIE	29.2	−5.79	−49.61	49.96	263

%Regularität

g*H,rel = 65

g*C,rel = 60

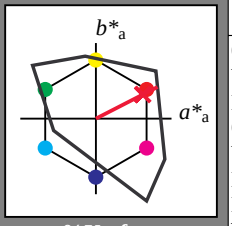


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h = lab*h = 27/360 = 0.075**
lab*tch* und *lab*nch

D50: Buntton R
LCH*Ma: 55 92 27
olv*Ma: 1.0 0.0 0.18

Dreiecks-Helligkeit *t**



%Umfang

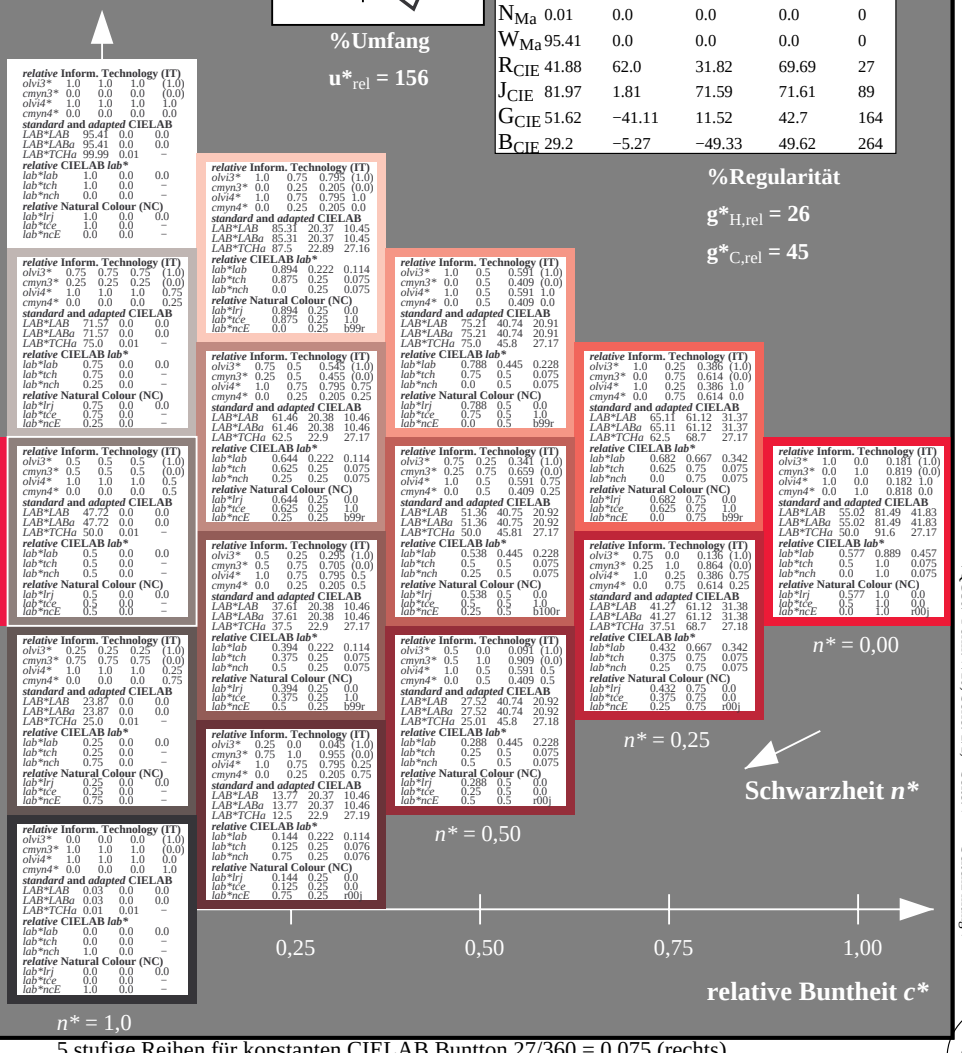
u*rel = 156

TLS00; adaptierte CIELAB-Daten	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	54.19	79.36	63.0	101.33	38
YMa	93.44	−14.18	82.59	83.8	100
LMa	82.82	−83.73	70.41	109.41	140
CMa	85.22	−55.9	−15.78	58.1	196
VMa	25.61	67.05	−108.87	127.87	302
MMa	58.76	91.18	−53.69	105.82	330
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	−41.11	11.52	42.7	164
BCIE	29.2	−5.27	−49.33	49.62	264

%Regularität

g*H,rel = 26

g*C,rel = 45



QG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 26/360 = 0.074 (links)

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

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

input: *cmy0* setcmykcolor*
output: *Startup (S) data dependend*

www.ps.bam.de/QG50/10Q/Q50G07SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G07SP.DAT im Distiller Startup (S) Directory

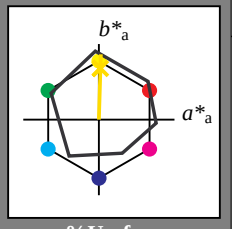
Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

BAM-Registrierung: 20060101-QG50/10Q/Q50G07SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 8/10. Serie: 1/1, Seite: 8 Sattelstanz hung 8

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 88/360 = 0.245**
lab*tch* und *lab*nch

D50: Buntton J
LCH*Ma: 86 86 88
olv*Ma: 1.0 0.9 0.0



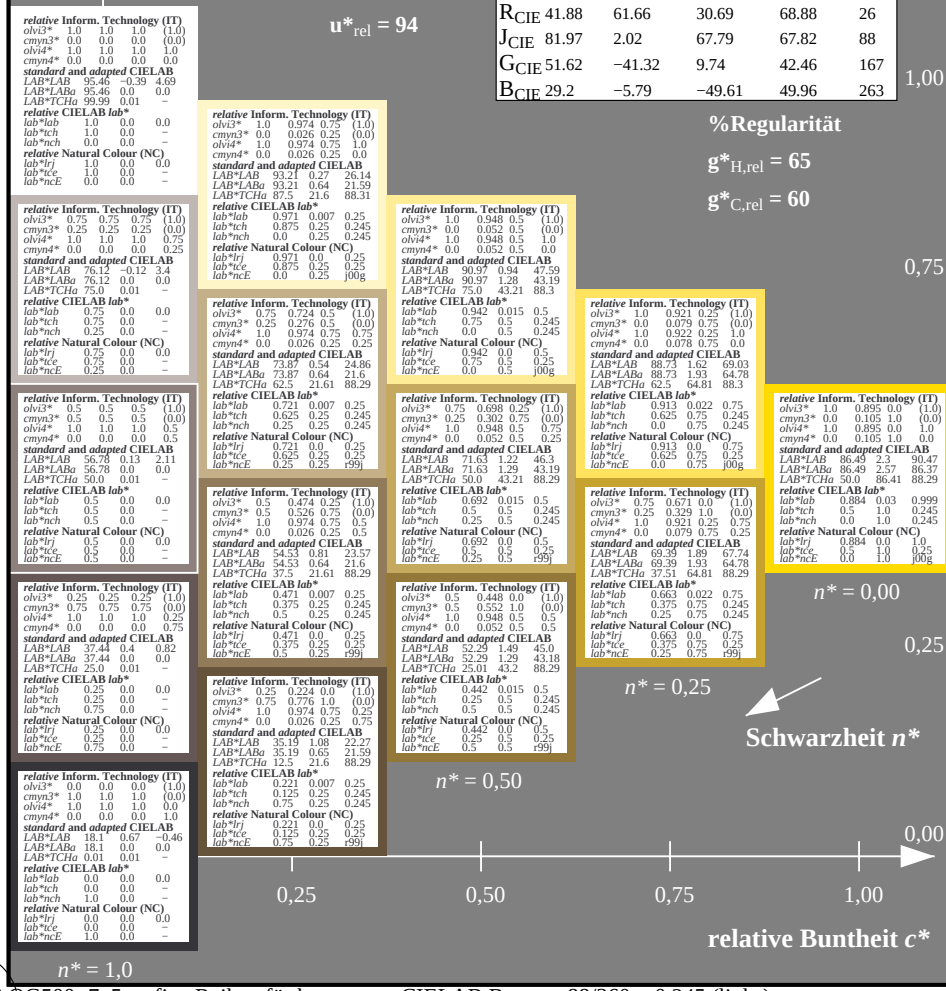
Dreiecks-Helligkeit *t**

%Umfang
u*rel = 94

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.05	50.54	82.38	38
YMa	91.0	−4.72	90.58	90.7	93
LMa	50.9	−63.18	34.98	72.22	151
CMa	56.99	−39.34	−48.1	62.16	231
VMa	25.72	30.89	−44.4	54.09	305
MMa	49.99	75.76	−4.64	75.9	356
NMa	18.09	0.0	0.0	0.0	0
WMa	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	−41.32	9.74	42.46	167
BCIE	29.2	−5.79	−49.61	49.96	263

%Regularität
g*H,rel = 65
g*C,rel = 60

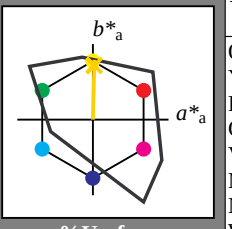


OG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 88/360 = 0.245 (links)

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h = lab*h = 89/360 = 0.246**
lab*tch* und *lab*nch

D50: Buntton J
LCH*Ma: 87 79 89
olv*Ma: 1.0 0.83 0.0



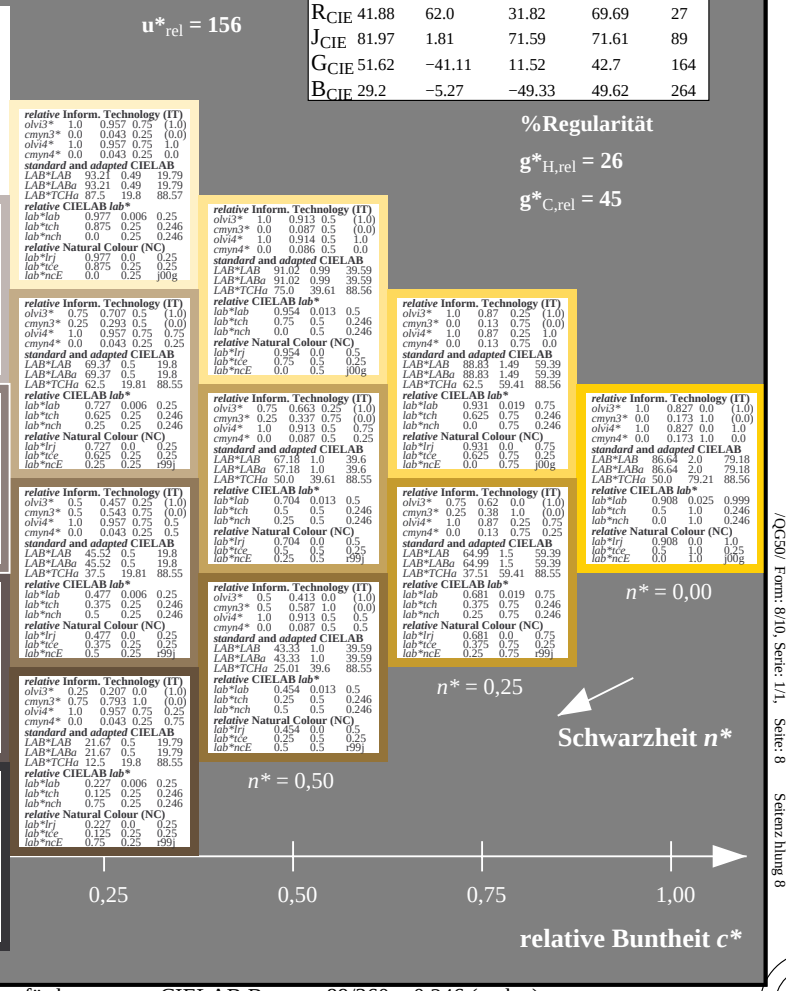
Dreiecks-Helligkeit *t**

%Umfang
u*rel = 156

TLS00; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	54.19	79.36	63.0	101.33	38
YMa	93.44	−14.18	82.59	83.8	100
LMa	82.82	−83.73	70.41	109.41	140
CMa	85.22	−55.9	−15.78	58.1	196
VMa	25.61	67.05	−108.87	127.87	302
MMa	58.76	91.18	−53.69	105.82	330
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	−41.11	11.52	42.7	164
BCIE	29.2	−5.27	−49.33	49.62	264

%Regularität
g*H,rel = 26
g*C,rel = 45



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

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18 input: *cmy0* setcmykcolor*
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *Startup (S) data dependend*

Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

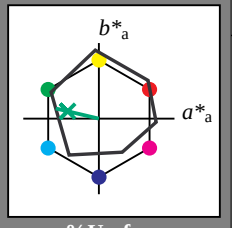
BAM-Registrierung: 20060101-QG50/10Q/Q50G08SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 9/10. Serie: 1/1, Seite: 9 Sattenz hlung 9

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 167/360 = 0.463**
lab*tch* und *lab*nch

D50: Buntton G
LCH*Ma: 52 59 167
olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 94

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.05	50.54	82.38	38
YMa	91.0	−4.72	90.58	90.7	93
LMa	50.9	−63.18	34.98	72.22	151
CMa	56.99	−39.34	−48.1	62.16	231
VMa	25.72	30.89	−44.4	54.09	305
MMa	49.99	75.76	−4.64	75.9	356
NMa	18.09	0.0	0.0	0.0	0
WMa	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	−41.32	9.74	42.46	167
BCIE	29.2	−5.79	−49.61	49.96	263

%Regularität

g*H,rel = 65

g*C,rel = 60

1,00

0,75

0,25

0,00

*n** = 0,00

*n** = 0,25

*n** = 0,50

*n** = 1,0

Schwarzheit *n**

0,25 0,50 0,75 1,00

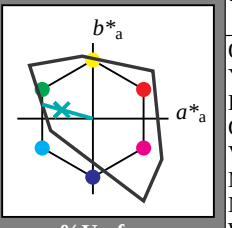
relative Buntheit *c**

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h = lab*h = 164/360 = 0.457**
lab*tch* und *lab*nch

D50: Buntton G
LCH*Ma: 84 70 164
olv*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 156

TLS00; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	54.19	79.36	63.0	101.33	38
YMa	93.44	−14.18	82.59	83.8	100
LMa	82.82	−83.73	70.41	109.41	140
CMa	85.22	−55.9	−15.78	58.1	196
VMa	25.61	67.05	−108.87	127.87	302
MMa	58.76	91.18	−53.69	105.82	330
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	−41.11	11.52	42.7	164
BCIE	29.2	−5.27	−49.33	49.62	264

%Regularität

g*H,rel = 26

g*C,rel = 45

*n** = 0,00

*n** = 0,25

*n** = 0,50

*n** = 1,0

Schwarzheit *n**

0,25 0,50 0,75 1,00

relative Buntheit *c**

QG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.463 (links)

5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

www.ps.bam.de/QG50/10Q/Q50G09SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) QG50/10Q/Q50G09SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/QG50/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

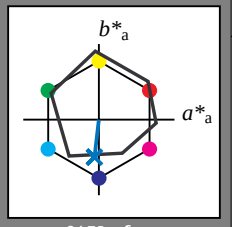
BAM-Registrierung: 20060101-QG50/10Q/Q50G09SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/QG50/ Form: 10/10Serie: 1/1, Seite: 10 Sattelnz hlung 10

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 263/360 = 0.731*
lab*tch* und *lab*nch

D50: Buntton B
LCH*Ma: 42 47 263
olv*Ma: 0.0 0.52 1.0

Dreiecks-Helligkeit *t**

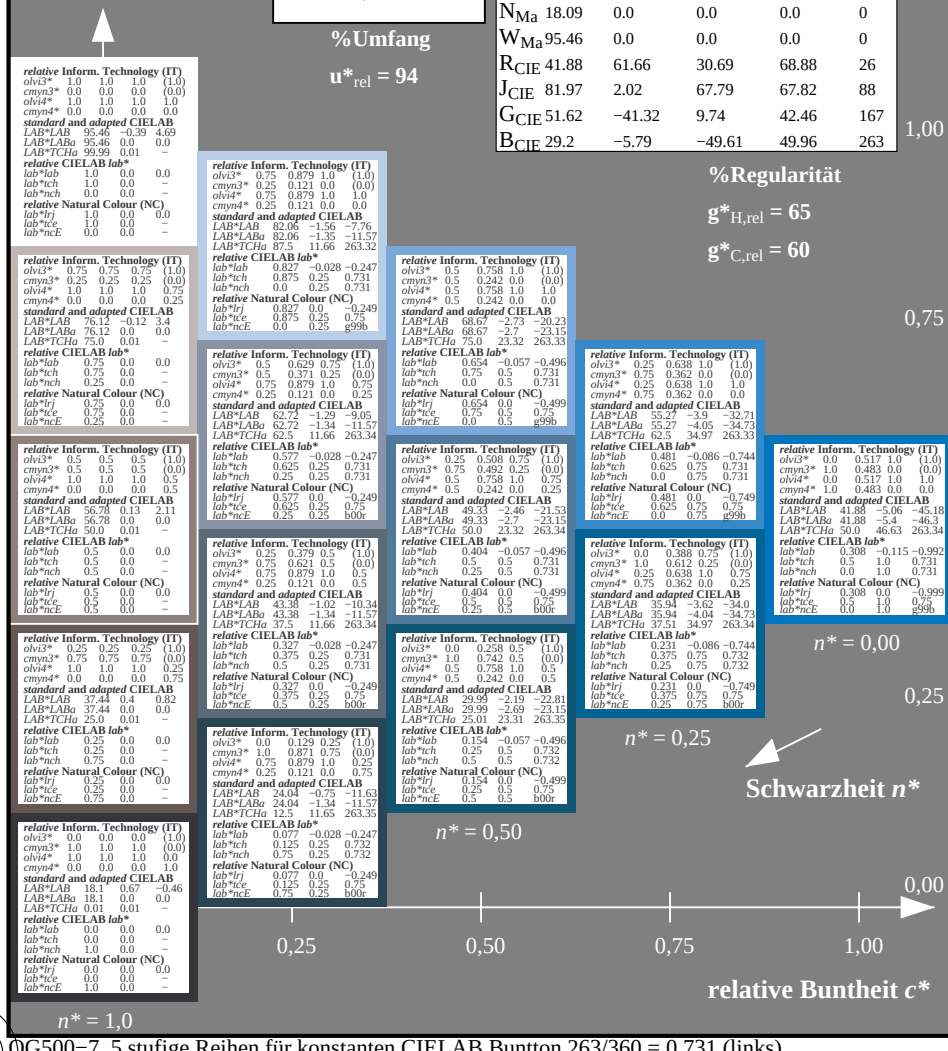


%Umfang
u^*_{rel} = 94

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

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

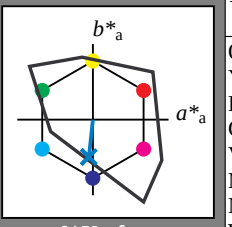


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton *h* = lab*h = 264/360 = 0.733*
lab*tch* und *lab*nch

D50: Buntton B
LCH*Ma: 61 54 264
olv*Ma: 0.0 0.59 1.0

Dreiecks-Helligkeit *t**

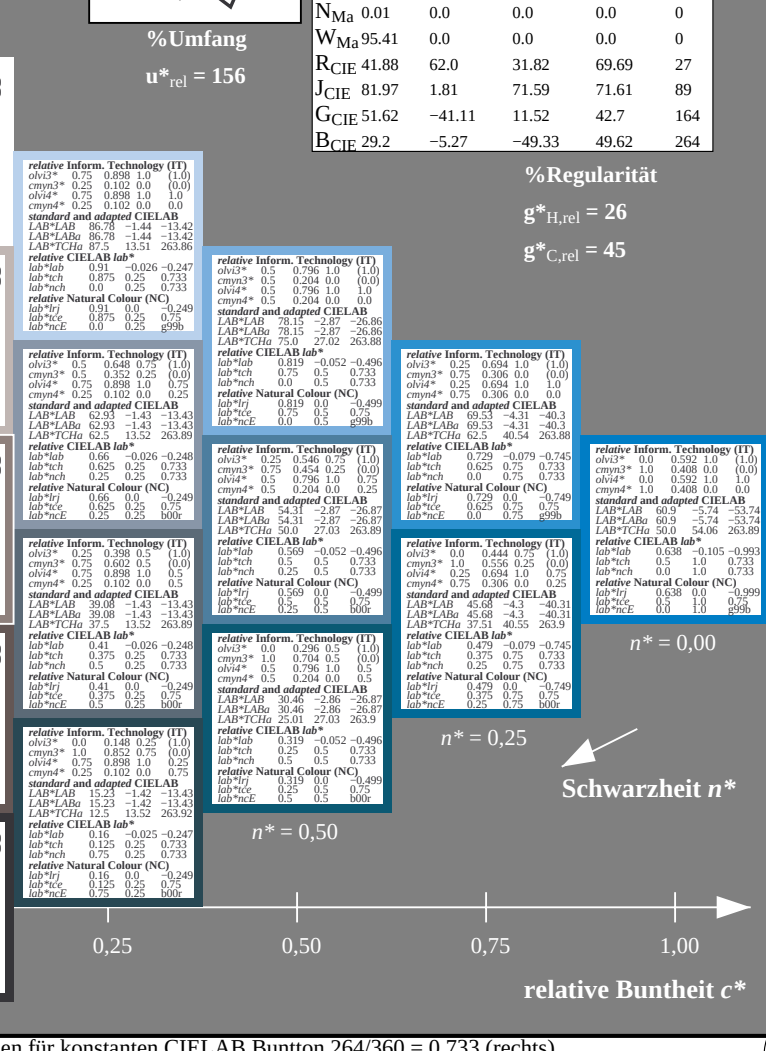


%Umfang
u^*_{rel} = 156

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



QG500−7, 5 stufige Reihen für konstanten CIELAB Buntton 263/360 = 0.731 (links)
5 stufige Reihen für konstanten CIELAB Buntton 264/360 = 0.733 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & ORS18 input: *cmy0* setcmykcolor*
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *Startup (S) data dependend*