Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

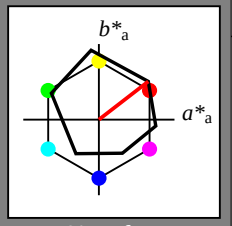
BAM-Registrierung: 20060101-TG51/10L/L51G00SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/TG51/ Form: 1/10, Serie: 1/1, Seite: 1 Sattelstreifen 1

Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton O
LCH*Ma: 48 83 38
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

u^*_{rel} = 93

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularität

$g^*_{H,rel}$ = 57

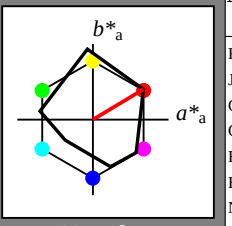
$g^*_{C,rel}$ = 59

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 31/360 = 0.086$
lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 50 78 31
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

u^*_{rel} = 92

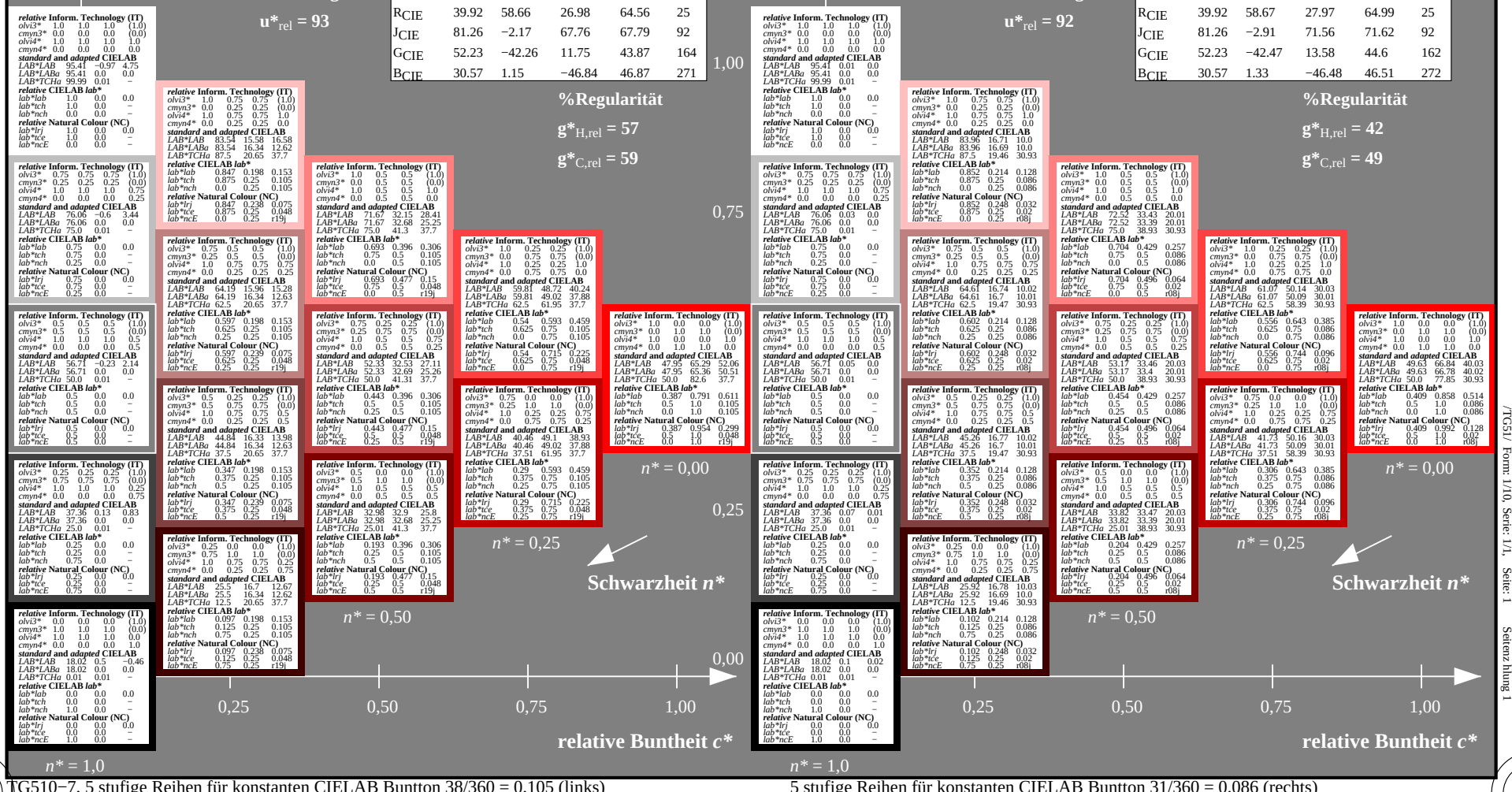
MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität

$g^*_{H,rel}$ = 42

$g^*_{C,rel}$ = 49



TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5 stufige Reihen für konstanten CIELAB Buntton 31/360 = 0.086 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntton output: *Startup (S) data dependend*

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

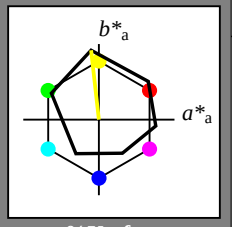
BAM-Registrierung: 20060101-TG51/10L/L51G01SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/TG51/ Form: 2/10, Serie: 1/1, Seite: 2 Sattenz hlung 2

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton *h = lab*h = 96/360 = 0.268**
lab*tch* und *lab*nch

D65: Buntton Y
LCH*Ma: 90 92 96
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 93

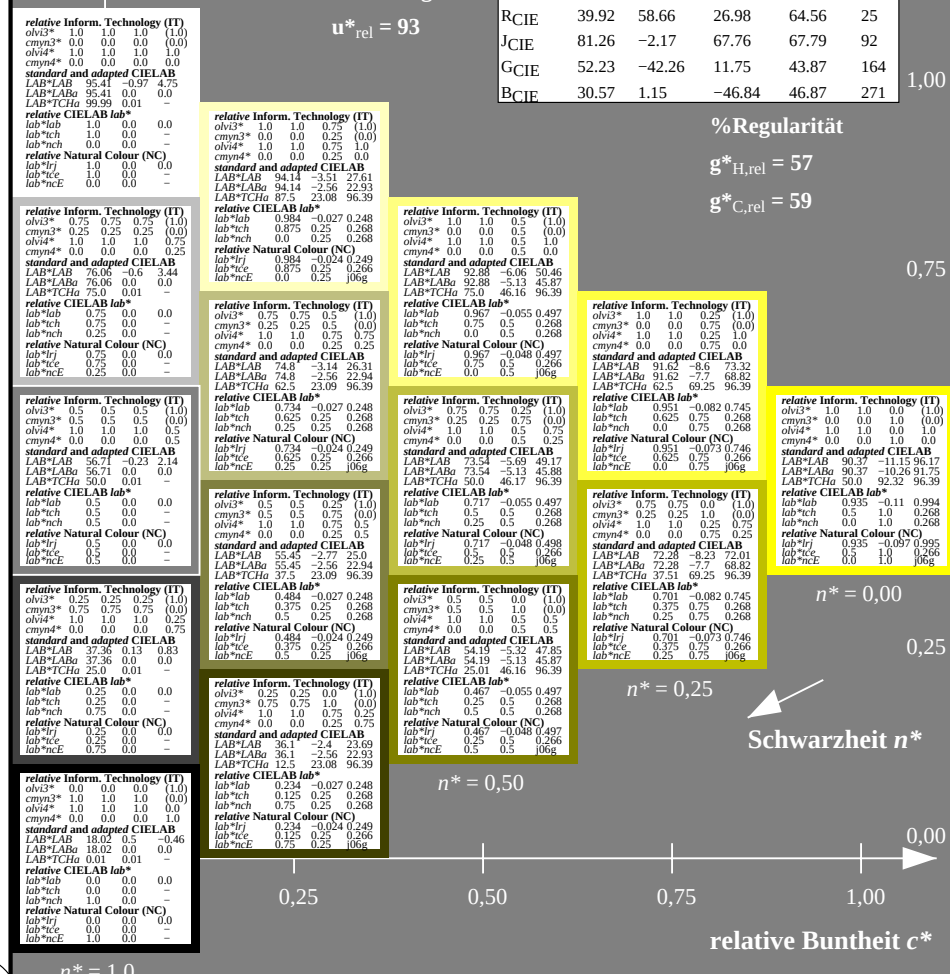
ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularität

g*H,rel = 57

g*C,rel = 59



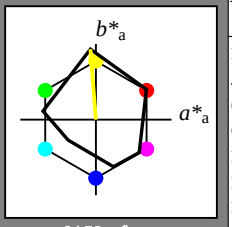
TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h = lab*h = 94/360 = 0.262**
lab*tch* und *lab*nch

D65: Buntton J
LCH*Ma: 91 93 94
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 92

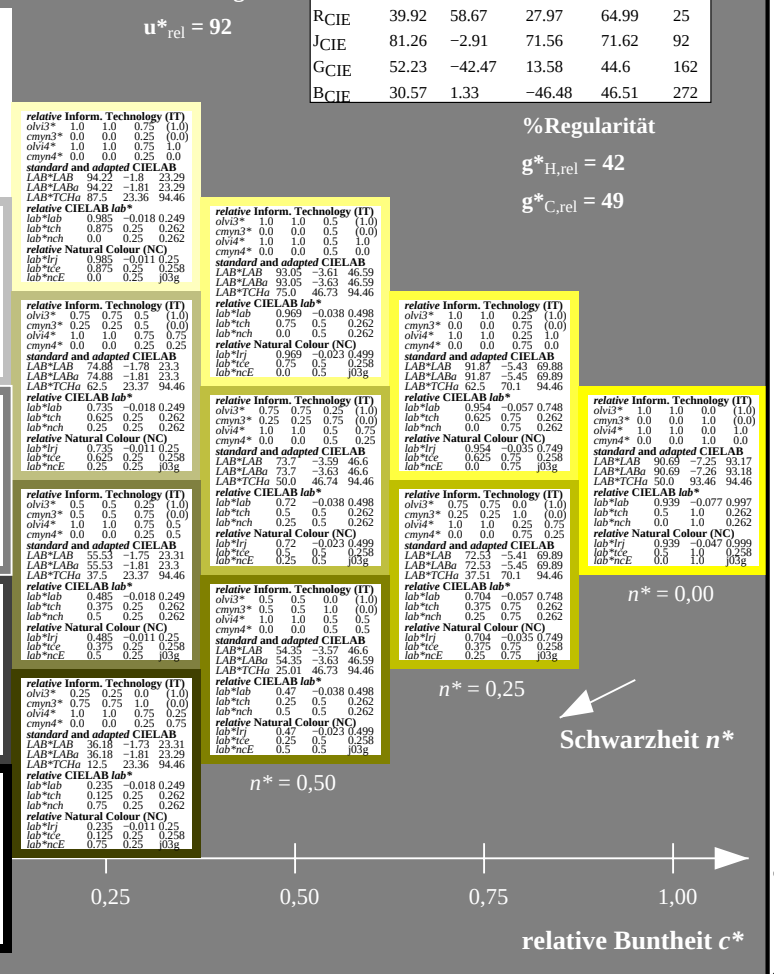
MRS18a; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität

g*H,rel = 42

g*C,rel = 49



5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.262 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

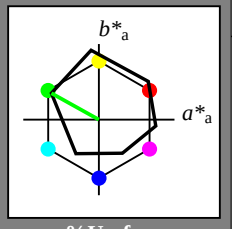
BAM-Registrierung: 20060101-TG51/10L/L51G02SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/TG51/ Form: 3/10, Serie: 1/1, Seite: 3 Sattenz hlung 3

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton *h = lab*h = 151/360 = 0.419***
lab*tch* und *lab*nch

D65: Buntton L
LCH*Ma: 51 72 151
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	−10.27	91.77	92.34	96
LMa	50.9	−62.79	34.95	71.87	151
CMa	58.62	−30.35	−45.01	54.3	236
VMa	25.71	31.11	−44.42	54.24	305
MMa	48.13	75.27	−8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	−2.17	67.76	67.79	92
GCIE	52.23	−42.26	11.75	43.87	164
BCIE	30.57	1.15	−46.84	46.87	271

%Regularität

g*H,rel = 57

g*C,rel = 59

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**

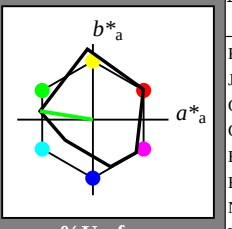
TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h = lab*h = 171/360 = 0.475***
lab*tch* und *lab*nch

D65: Buntton G
LCH*Ma: 52 71 171
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 92

MRS18a; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	−7.27	93.19	93.48	94
GMa	52.11	−69.93	11.26	70.85	171
G50BMa	45.03	−36.65	−27.13	45.61	217
BMa	36.65	23.26	−62.27	66.49	290
B50RMa	34.94	57.27	−43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	−2.91	71.56	71.62	92
GCIE	52.23	−42.47	13.58	44.6	162
BCIE	30.57	1.33	−46.48	46.51	272

%Regularität

g*H,rel = 42

g*C,rel = 49

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**

5 stufige Reihen für konstanten CIELAB Buntton 171/360 = 0.475 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntton output: *Startup (S) data dependend*

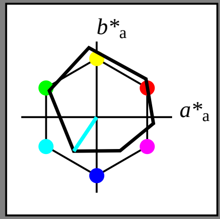
Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton *h* = lab*h = 236/360 = 0.656*
lab*tch* und *lab*nch

D65: Buntton C
LCH*Ma: 59 54 236
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%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	−0.97	4.75	
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*	0.75	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	86.21	−8.38	−7.1	
LAB*LABa	86.21	−7.58	−11.24	
LAB*TCHa	87.5	13.57	236.01	
relative CIELAB lab*				
lab*lab	0.881	−0.139	−0.206	
lab*tch	0.875	0.25	0.656	
lab*nch	0.0	0.25	0.656	
relative Natural Colour (NC)				
lab*lrj	0.881	−0.123	−0.216	
lab*tce	0.875	0.25	0.667	
lab*ncE	0.0	0.25	g66b	

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	76.06	−0.6	3.44	
LAB*LABa	76.06	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	−	

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	77.01	−15.79	−18.98	
LAB*LABa	77.01	−15.16	−22.5	
LAB*TCHa	75.0	27.15	236.01	
relative CIELAB lab*				
lab*lab	0.762	−0.278	−0.413	
lab*tch	0.75	0.5	0.656	
lab*nch	0.0	0.5	0.656	
relative Natural Colour (NC)				
lab*lrj	0.762	−0.247	−0.433	
lab*tce	0.75	0.5	0.667	
lab*ncE	0.0	0.5	g66b	

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	66.86	−8.01	−8.41	
LAB*LABa	66.86	−7.58	−11.25	
LAB*TCHa	62.5	13.58	236.01	
relative CIELAB lab*				
lab*lab	0.631	−0.139	−0.206	
lab*tch	0.625	0.25	0.656	
lab*nch	0.25	0.25	0.656	
relative Natural Colour (NC)				
lab*lrj	0.631	−0.123	−0.216	
lab*tce	0.625	0.25	0.667	
lab*ncE	0.25	0.25	g66b	

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	67.81	−23.21	−30.86	
LAB*LABa	67.81	−22.75	−33.75	
LAB*TCHa	62.5	40.72	236.01	
relative CIELAB lab*				
lab*lab	0.643	−0.418	−0.621	
lab*tch	0.625	0.75	0.656	
lab*nch	0.0	0.75	0.656	
relative Natural Colour (NC)				
lab*lrj	0.643	−0.371	−0.65	
lab*tce	0.625	0.75	0.667	
lab*ncE	0.0	0.75	g66b	

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	56.71	−0.23	2.14	
LAB*LABa	56.71	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*	0.25	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	57.66	−15.42	−20.29	
LAB*LABa	57.66	−15.17	−22.5	
LAB*TCHa	50.0	27.15	236.01	
relative CIELAB lab*				
lab*lab	0.512	−0.279	−0.414	
lab*tch	0.5	0.5	0.656	
lab*nch	0.25	0.5	0.656	
relative Natural Colour (NC)				
lab*lrj	0.512	−0.247	−0.433	
lab*tce	0.5	0.5	0.667	
lab*ncE	0.25	0.5	g66b	

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	58.62	−30.62	−42.73	
LAB*LABa	58.62	−30.34	−45.01	
LAB*TCHa	50.0	54.29	236.01	
relative CIELAB lab*				
lab*lab	0.525	−0.558	−0.828	
lab*tch	0.5	1.0	0.656	
lab*nch	0.0	1.0	0.656	
relative Natural Colour (NC)				
lab*lrj	0.525	−0.496	−0.867	
lab*tce	0.5	1.0	0.667	
lab*ncE	0.0	1.0	g66b	

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	47.51	−7.64	−9.72	
LAB*LABa	47.51	−7.58	−11.25	
LAB*TCHa	37.5	13.58	236.01	
relative CIELAB lab*				
lab*lab	0.381	−0.139	−0.206	
lab*tch	0.375	0.25	0.656	
lab*nch	0.5	0.25	0.656	
relative Natural Colour (NC)				
lab*lrj	0.381	−0.123	−0.216	
lab*tce	0.375	0.25	0.667	
lab*ncE	0.5	0.25	g66b	

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	48.47	−22.83	−32.16	
LAB*LABa	48.47	−22.75	−33.75	
LAB*TCHa	37.51	40.72	236.01	
relative CIELAB lab*				
lab*lab	0.394	−0.418	−0.621	
lab*tch	0.375	0.75	0.656	
lab*nch	0.25	0.75	0.656	
relative Natural Colour (NC)				
lab*lrj	0.394	−0.371	−0.65	
lab*tce	0.375	0.75	0.667	
lab*ncE	0.25	0.75	g66b	

*n** = 0,00

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	37.36	0.13	0.83	
LAB*LABa	37.36	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	−	

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	38.32	−15.05	−21.59	
LAB*LABa	38.32	−15.16	−22.5	
LAB*TCHa	25.01	27.15	236.01	
relative CIELAB lab*				
lab*lab	0.262	−0.278	−0.413	
lab*tch	0.25	0.5	0.656	
lab*nch	0.5	0.5	0.656	
relative Natural Colour (NC)				
lab*lrj	0.262	−0.247	−0.433	
lab*tce	0.25	0.5	0.667	
lab*ncE	0.5	0.5	g66b	

*n** = 0,25

Schwarzheit *n**

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	28.17	−7.27	−11.02	
LAB*LABa	28.17	−7.58	−11.24	
LAB*TCHa	12.5	13.57	236.01	
relative CIELAB lab*				
lab*lab	0.131	−0.139	−0.206	
lab*tch	0.125	0.25	0.656	
lab*nch	0.75	0.25	0.656	
relative Natural Colour (NC)				
lab*lrj	0.131	−0.123	−0.216	
lab*tce	0.125	0.25	0.667	
lab*ncE	0.75	0.25	g66b	

*n** = 0,50

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	18.02	0.5	−0.46	
LAB*LABa	18.02	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	−	

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

relative Buntheit *c**

*n** = 1,0

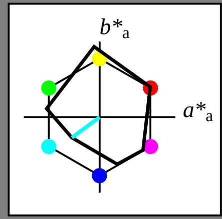
1,00 0,75 0,25 0,00

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h* = lab*h = 217/360 = 0.601*
lab*tch* und *lab*nch

D65: Buntton G50B
LCH*Ma: 45 46 217
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 92

MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität
$g^*_{H,rel}$ = 42
$g^*_{C,rel}$ = 49

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	0.01	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*	0.75	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	82.81	−9.13	−6.77	
LAB*LABa	82.81	−9.15	−6.77	
LAB*TCHa	87.5	11.4	216.52	
relative CIELAB lab*				
lab*lab	0.837	−0.2	−0.148	
lab*tch	0.875	0.25	0.601	
lab*nch	0.0	0.25	0.601	
relative Natural Colour (NC)				
lab*lrj	0.837	−0.177	−0.175	
lab*tce	0.875	0.25	0.624	
lab*ncE	0.0	0.25	g49b	

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	76.06	0.03	0.0	
LAB*LABa	76.06	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	−	

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	70.21	−18.28	−13.55	
LAB*LABa	70.21	−18.31	−13.56	
LAB*TCHa	75.0	22.8	216.52	
relative CIELAB lab*				
lab*lab	0.674	−0.401	−0.296	
lab*tch	0.75	0.5	0.601	
lab*nch	0.0	0.5	0.601	
relative Natural Colour (NC)				
lab*lrj	0.674	−0.355	−0.35	
lab*tce	0.75	0.5	0.624	
lab*ncE	0.0	0.5	g49b	

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	63.46	−9.11	−6.76	
LAB*LABa	63.46	−9.15	−6.78	
LAB*TCHa	62.5	11.4	216.52	
relative CIELAB lab*				
lab*lab	0.587	−0.2	−0.148	
lab*tch	0.625	0.25	0.601	
lab*nch	0.25	0.25	0.601	
relative Natural Colour (NC)				
lab*lrj	0.587	−0.177	−0.175	
lab*tce	0.625	0.25	0.624	
lab*ncE	0.25	0.25	g49b	

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	57.62	−27.43	−20.33	
LAB*LABa	57.62	−27.48	−20.34	
LAB*TCHa	62.5	34.2	216.52	
relative CIELAB lab*				
lab*lab	0.512	−0.602	−0.445	
lab*tch	0.625	0.75	0.601	
lab*nch	0.0	0.75	0.601	
relative Natural Colour (NC)				
lab*lrj	0.512	−0.533	−0.526	
lab*tce	0.625	0.75	0.624	
lab*ncE	0.0	0.75	g49b	

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	56.71	0.05	0.0	
LAB*LABa	56.71	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*	0.25	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	50.87	−18.26	−13.54	
LAB*LABa	50.87	−18.32	−13.56	
LAB*TCHa	50.0	22.81	216.52	
relative CIELAB lab*				
lab*lab	0.425	−0.401	−0.297	
lab*tch	0.5	0.5	0.601	
lab*nch	0.25	0.5	0.601	
relative Natural Colour (NC)				
lab*lrj	0.425	−0.355	−0.35	
lab*tce	0.5	0.5	0.624	
lab*ncE	0.25	0.5	g49b	

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	45.03	−36.57	−27.11	
LAB*LABa	45.03	−36.64	−27.13	
LAB*TCHa	50.0	45.6	216.52	
relative CIELAB lab*				
lab*lab	0.349	−0.803	−0.594	
lab*tch	0.5	1.0	0.601	
lab*nch	0.0	1.0	0.601	
relative Natural Colour (NC)				
lab*lrj	0.349	−0.71	−0.702	
lab*tce	0.5	1.0	0.624	
lab*ncE	0.0	1.0	g49b	

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	44.11	−9.09	−6.76	
LAB*LABa	44.11	−9.15	−6.78	
LAB*TCHa	37.5	11.4	216.52	
relative CIELAB lab*				
lab*lab	0.337	−0.2	−0.148	
lab*tch	0.375	0.25	0.601	
lab*nch	0.5	0.25	0.601	
relative Natural Colour (NC)				
lab*lrj	0.337	−0.177	−0.175	
lab*tce	0.375	0.25	0.624	
lab*ncE	0.5	0.25	g49b	

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	38.28	−27.41	−20.32	
LAB*LABa	38.28	−27.48	−20.34	
LAB*TCHa	37.51	34.2	216.52	
relative CIELAB lab*				
lab*lab	0.262	−0.602	−0.445	
lab*tch	0.375	0.75	0.601	
lab*nch	0.25	0.75	0.601	
relative Natural Colour (NC)				
lab*lrj	0.262	−0.533	−0.526	
lab*tce	0.375	0.75	0.624	
lab*ncE	0.25	0.75	g49b	

*n** = 0,00

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	37.36	0.07	0.01	
LAB*LABa	37.36	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	−	

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	31.52	−18.23	−13.53	
LAB*LABa	31.52	−18.31	−13.56	
LAB*TCHa	25.01	22.8	216.52	
relative CIELAB lab*				
lab*lab	0.175	−0.401	−0.296	
lab*tch	0.25	0.5	0.601	
lab*nch	0.5	0.5	0.601	
relative Natural Colour (NC)				
lab*lrj	0.175	−0.355	−0.35	
lab*tce	0.25	0.5	0.624	
lab*ncE	0.5	0.5	g49b	

*n** = 0,25

Schwarzheit *n**

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	24.77	−9.06	−6.74	
LAB*LABa	24.77	−9.15	−6.77	
LAB*TCHa	12.5	11.4	216.52	
relative CIELAB lab*				
lab*lab	0.087	−0.2	−0.148	
lab*tch	0.125	0.25	0.601	
lab*nch	0.75	0.25	0.601	
relative Natural Colour (NC)				
lab*lrj	0.087	−0.177	−0.175	
lab*tce	0.125	0.25	0.624	
lab*ncE	0.75	0.25	g49b	

*n** = 0,50

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	18.02	0.1	0.02	
LAB*LABa	18.02	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	−	

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

relative Buntheit *c**

*n** = 1,0

TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)
5 stufige Reihen für konstanten CIELAB Buntton 217/360 = 0.601 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttöne output: *Startup (S) data dependend*

BAM-Registrierung: 20060101-TG51/10L/L51G03SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/TG51/ Form: 4/10, Serie: 1/1, Seite: 4

www.ps.bam.de/TG51/10L/L51G04SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) TG51/10L/L51G04SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

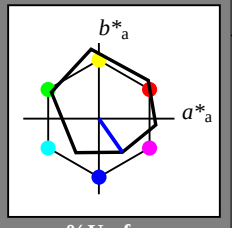
BAM-Registrierung: 20060101-TG51/10L/L51G04SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/TG51/ Form: 5/10, Serie: 1/1, Seite: 5 Sattenz hlung 5

Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

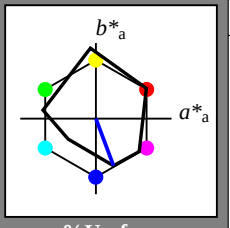
%Regularität
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h* = lab*h = 290/360 = 0.807*
lab*tch* und *lab*nch

D65: Buntton B
LCH*Ma: 37 66 290
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**

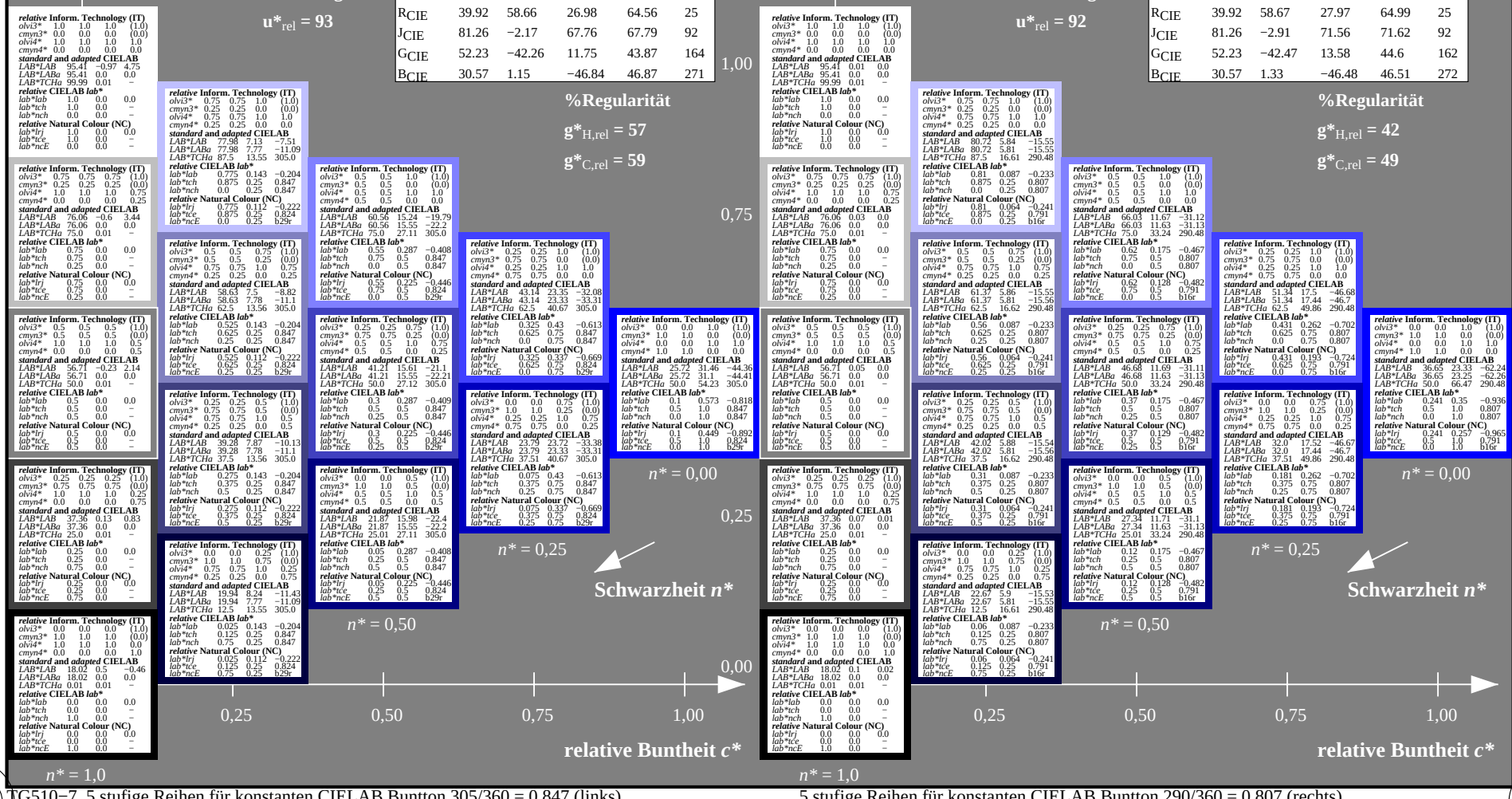


%Umfang
u^*_{rel} = 92

MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität
$g^*_{H,rel}$ = 42
$g^*_{C,rel}$ = 49



TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

5 stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.807 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntton output: *Startup (S) data dependend*

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

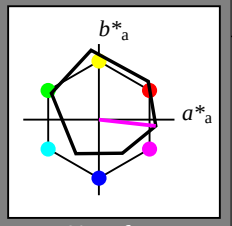
BAM-Registrierung: 20060101-TG51/10L/L51G05SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/TG51/ Form: 6/10, Serie: 1/1, Seite: 6 Seitenz hlung 6

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton *h* = lab*h = 354/360 = 0.982*
lab*tch* und *lab*nch

D65: Buntton M
LCH*Ma: 48 76 354
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**

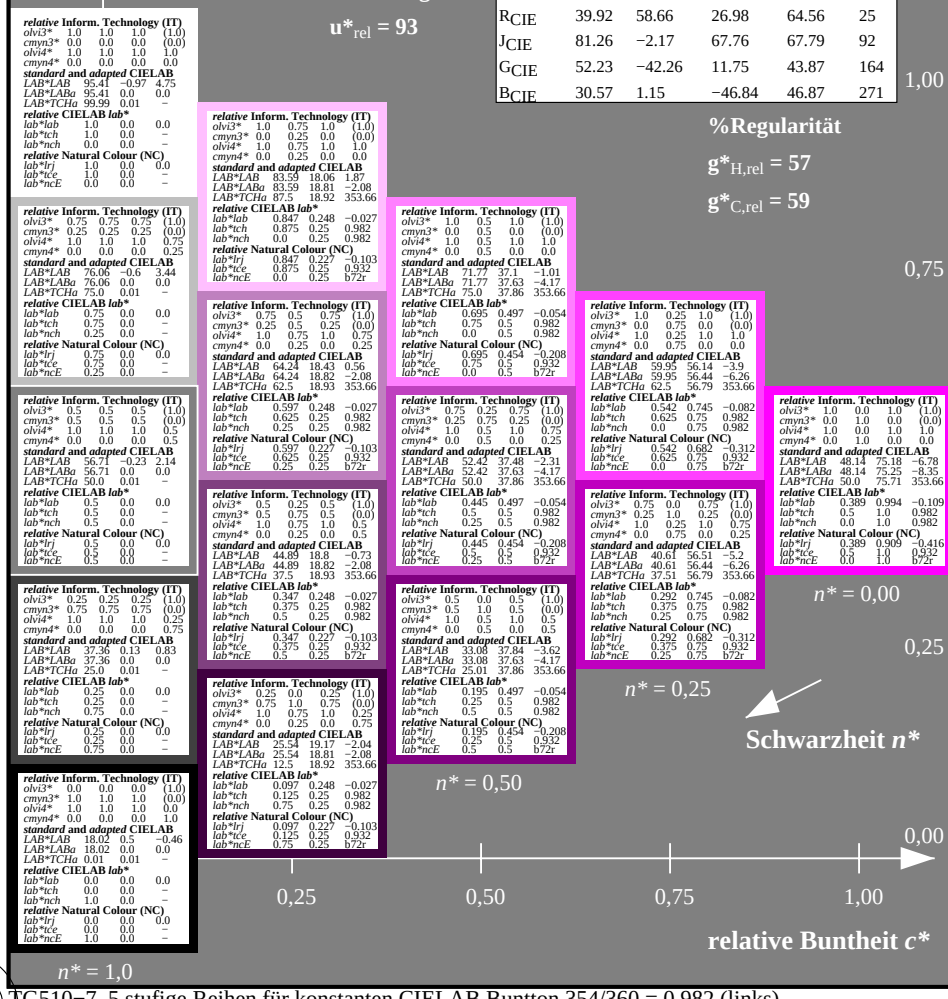


%Umfang
u^*_{rel} = 93

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

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



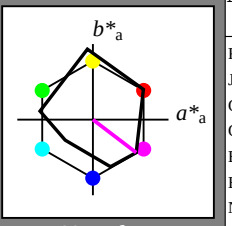
TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h* = lab*h = 323/360 = 0.896*
lab*tch* und *lab*nch

D65: Buntton B50R
LCH*Ma: 35 72 323
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**

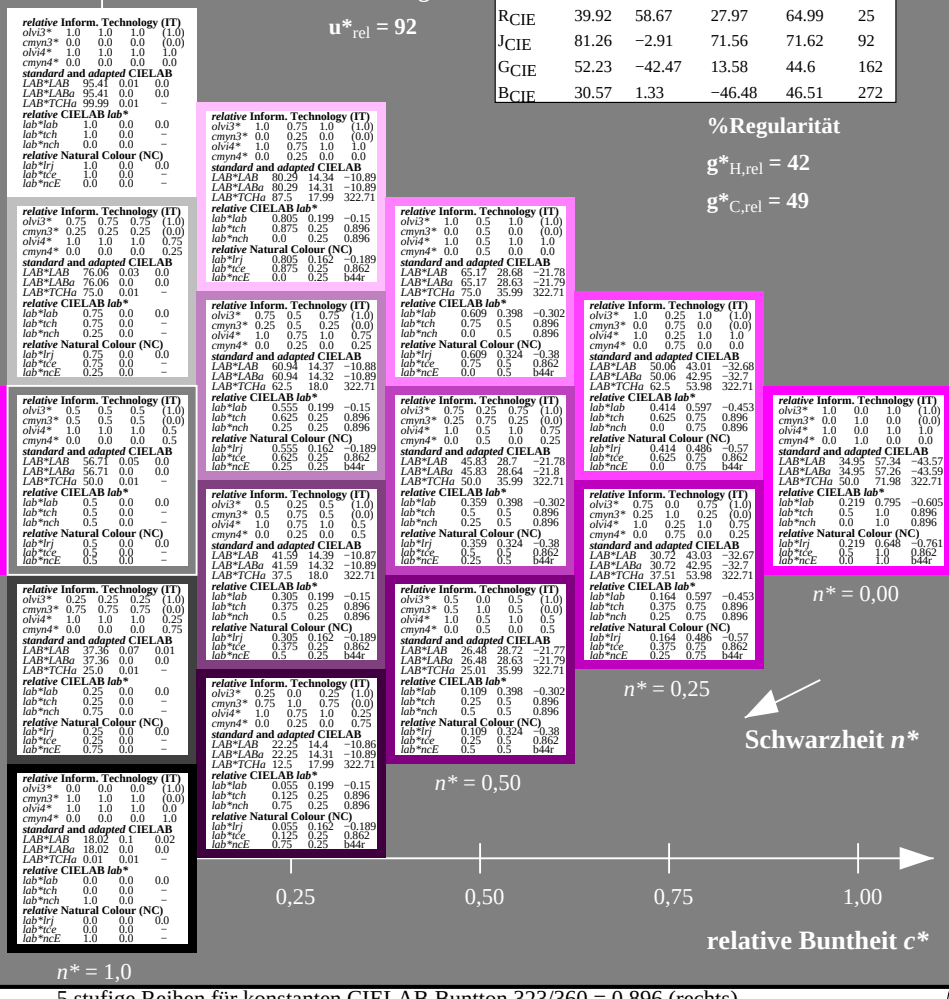


%Umfang
u^*_{rel} = 92

MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität
$g^*_{H,rel}$ = 42
$g^*_{C,rel}$ = 49



5 stufige Reihen für konstanten CIELAB Buntton 323/360 = 0.896 (rechts)

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

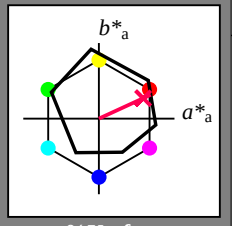
BAM-Registrierung: 20060101-TG51/10L/L51G06SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/TG51/ Form: 7/10, Serie: 1/1, Seite: 7 Seitenz hlung 7

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton *h = lab*h = 25/360 = 0.069**
lab*tch* und *lab*nch

D65: Buntton R
LCH*Ma: 48 75 25
rgb*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	−10.27	91.77	92.34	96
LMa	50.9	−62.79	34.95	71.87	151
CMa	58.62	−30.35	−45.01	54.3	236
VMa	25.71	31.11	−44.42	54.24	305
MMa	48.13	75.27	−8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	−2.17	67.76	67.79	92
GCIE	52.23	−42.26	11.75	43.87	164
BCIE	30.57	1.15	−46.84	46.87	271

%Regularität

g*H,rel = 57

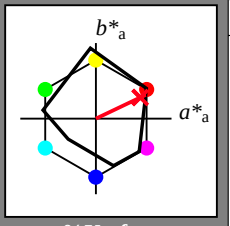
g*C,rel = 59

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h = lab*h = 25/360 = 0.071**
lab*tch* und *lab*nch

D65: Buntton R
LCH*Ma: 48 73 25
rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit *t**



%Umfang

u*rel = 92

MRS18a; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	−7.27	93.19	93.48	94
GMa	52.11	−69.93	11.26	70.85	171
G50BMa	45.03	−36.65	−27.13	45.61	217
BMa	36.65	23.26	−62.27	66.49	290
B50RMa	34.94	57.27	−43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	−2.91	71.56	71.62	92
GCIE	52.23	−42.47	13.58	44.6	162
BCIE	30.57	1.33	−46.48	46.51	272

%Regularität

g*H,rel = 42

g*C,rel = 49

TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

www.ps.bam.de/TG51/10L/L51G07SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) TG51/10L/L51G07SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

BAM-Registrierung: 20060101-TG51/10L/L51G07SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen

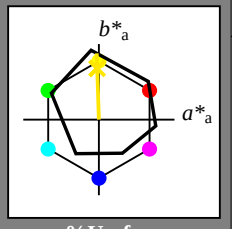
/TG51/ Form: 8/10, Serie: 1/1, Seite: 8 Sattenz hlung 8

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton *h = lab*h = 92/360 = 0.255**
lab*tch* und *lab*nch

D65: Buntton J
LCH*Ma: 86 88 92
rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit *t**

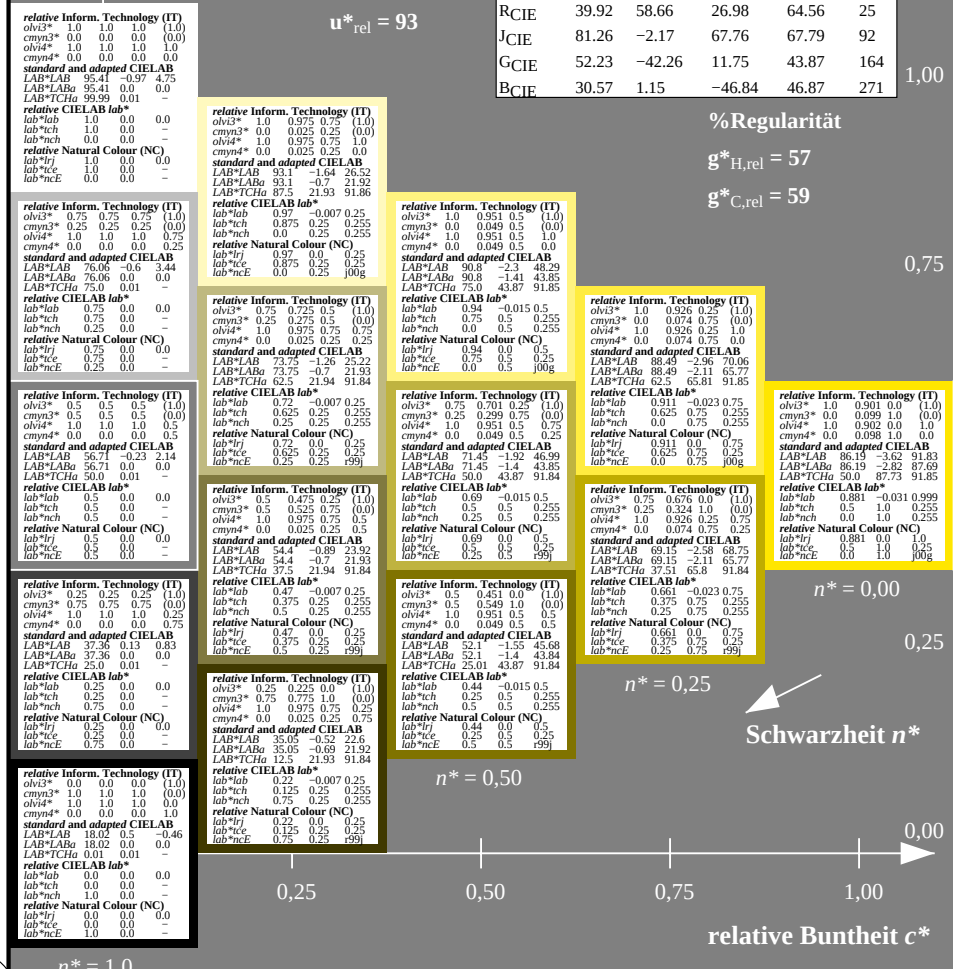


%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

%Regularität
g*H,rel = 57
g*C,rel = 59

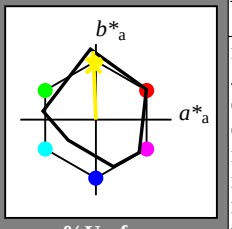


Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h = lab*h = 92/360 = 0.256**
lab*tch* und *lab*nch

D65: Buntton J
LCH*Ma: 89 91 92
rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit *t**

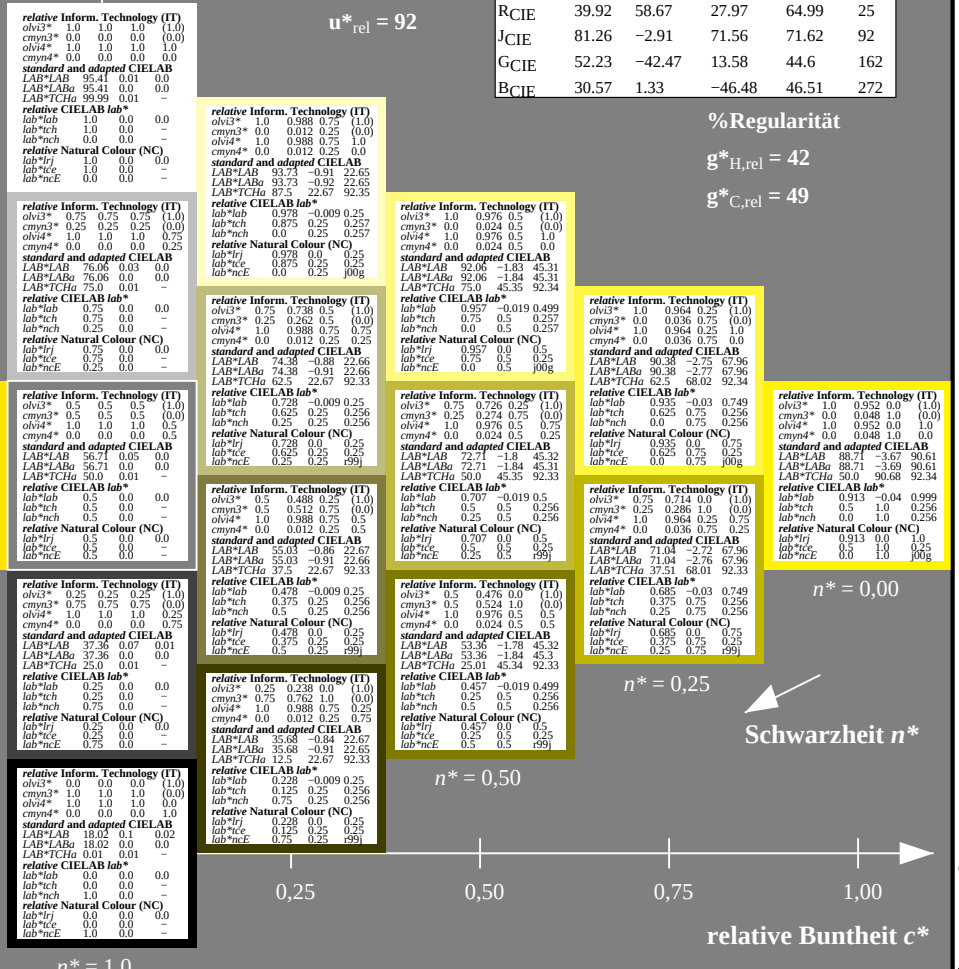


%Umfang
u*rel = 92

MRS18a; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität
g*H,rel = 42
g*C,rel = 49



TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)
5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntton output: *Startup (S) data dependend*

www.ps.bam.de/TG51/10L/L51G08SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) TG51/10L/L51G08SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

BAM-Registrierung: 20060101-TG51/10L/L51G08SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen

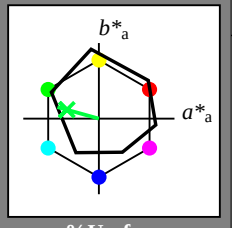
/TG51/ Form: 9/10, Serie: 1/1, Seite: 9 Sattenz hlung 9

Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton G
LCH*Ma: 53 57 164
rgb*Ma: 0.0 1.0 0.25

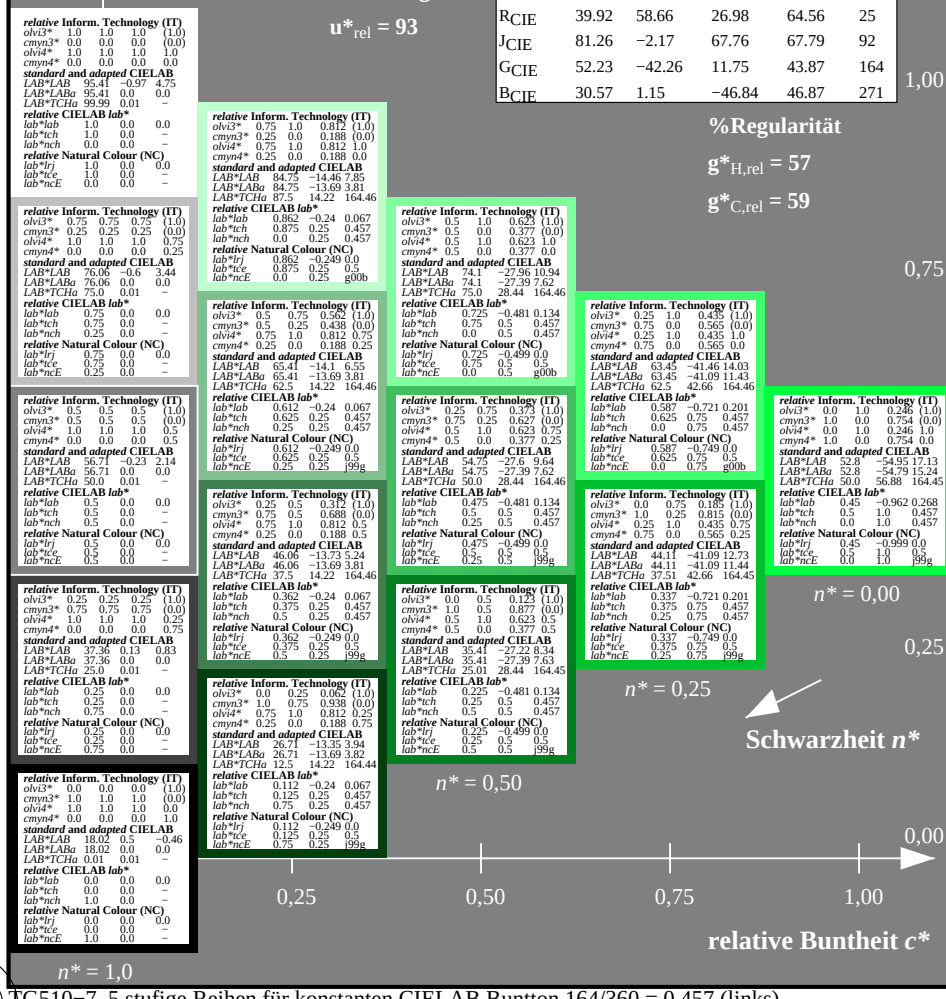
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93

ORS18; adaptierte CIELAB-Daten	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

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



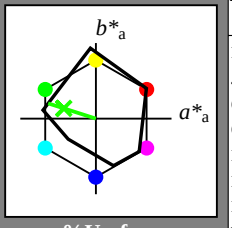
TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton *h* = lab*h = 162/360 = 0.451*
lab*tch* und *lab*nch

D65: Buntton G
LCH*Ma: 56 66 162
rgb*Ma: 0.11 1.0 0.0

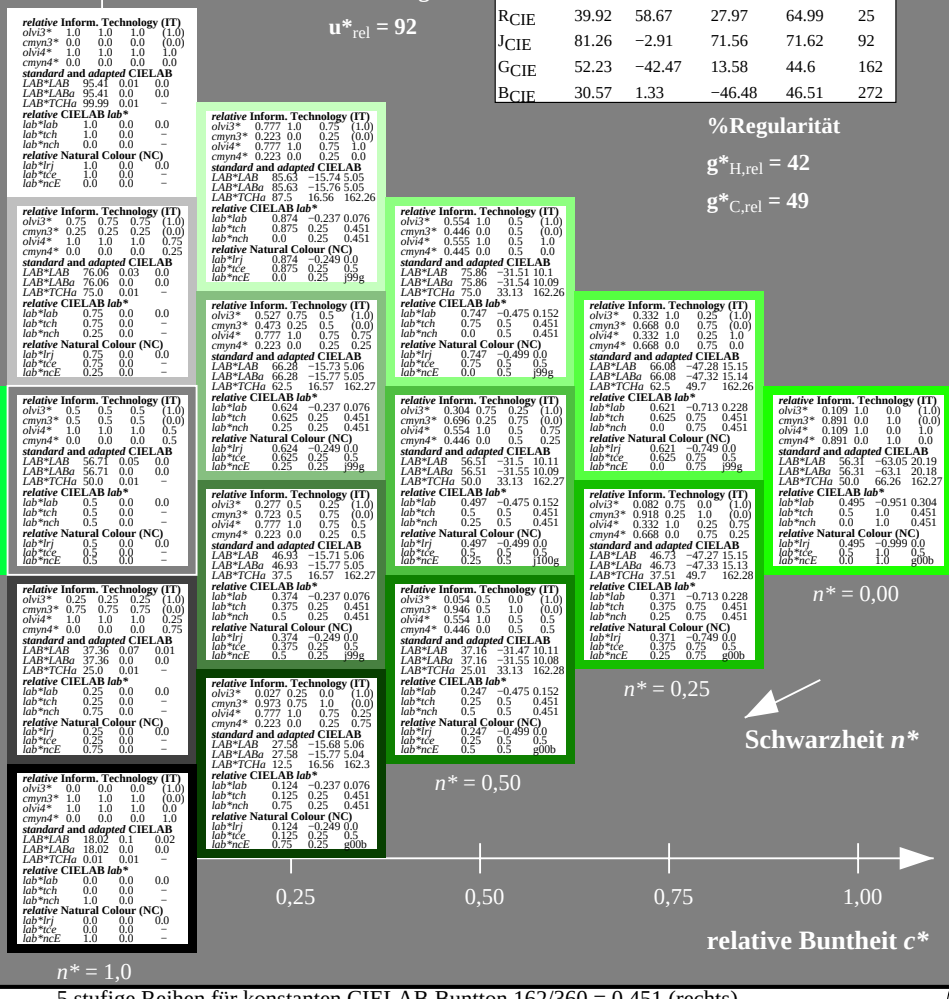
Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 92

MRS18a; adaptierte CIELAB-Daten	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität
$g^*_{H,rel}$ = 42
$g^*_{C,rel}$ = 49



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

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntton output: *Startup (S) data dependend*

www.ps.bam.de/TG51/10L/L51G09SP.PS/.PDF;
S: Ausgabe-Linearisierung (OL-Daten) TG51/10L/L51G09SP.DAT im Distiller Startup (S) Directory

Siehe ähnliche Dateien: http://www.ps.bam.de/TG51/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1?

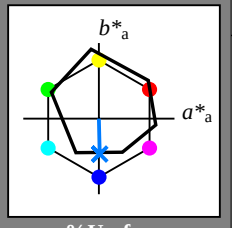
BAM-Registrierung: 20060101-TG51/10L/L51G09SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/TG51/ Form: 10/10,Serie: 1/1, Seite: 10 Sattenz hlung 10

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$
*lab*tch* und *lab*nch*

D65: Buntton B
LCH*Ma: 42 45 271
rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



%Umfang
$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.37	50.52	82.62	38
Y_{Ma}	90.37	−10.27	91.77	92.34	96
L_{Ma}	50.9	−62.79	34.95	71.87	151
C_{Ma}	58.62	−30.35	−45.01	54.3	236
V_{Ma}	25.71	31.11	−44.42	54.24	305
M_{Ma}	48.13	75.27	−8.35	75.73	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	64.56	25
J_{CIE}	81.26	−2.17	67.76	67.79	92
G_{CIE}	52.23	−42.26	11.75	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.87	271

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

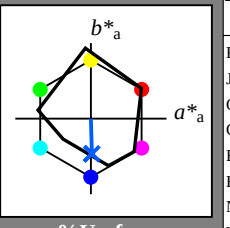
TG510−7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 272/360 = 0.755$
*lab*tch* und *lab*nch*

D65: Buntton B
LCH*Ma: 40 49 272
rgb*Ma: 0.0 0.36 1.0

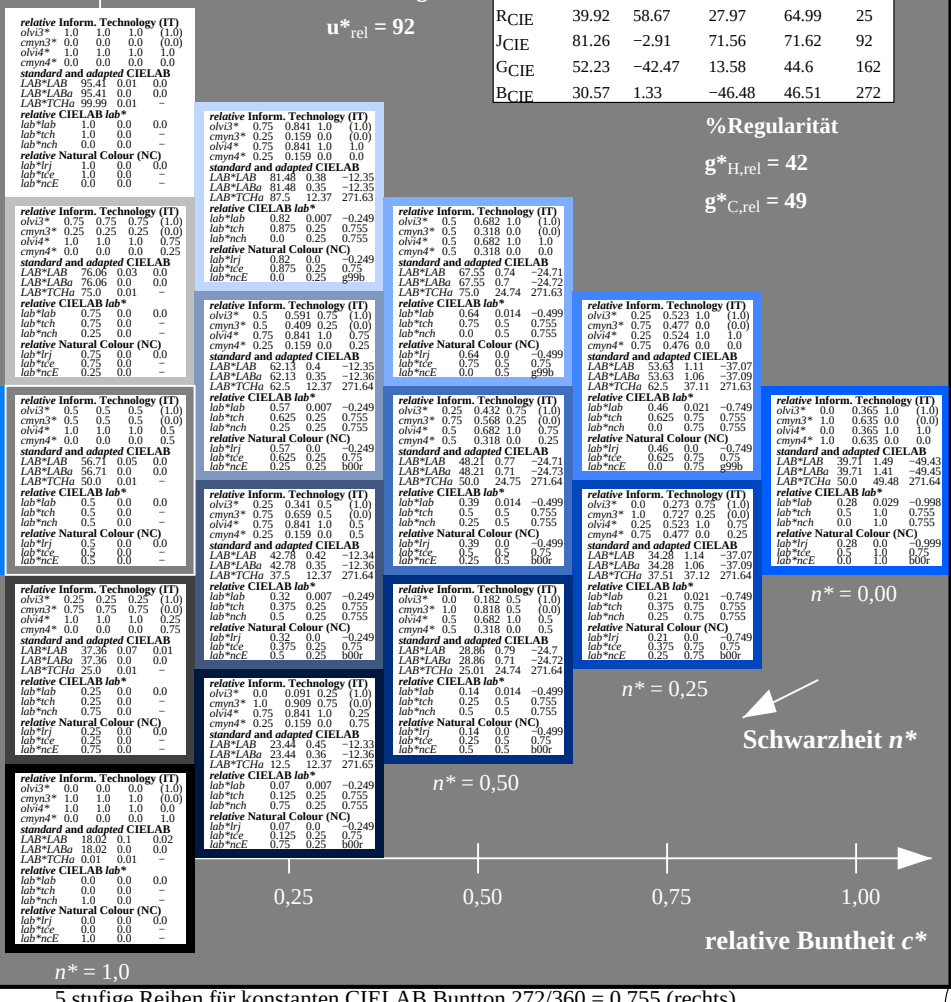
Dreiecks-Helligkeit t^*



%Umfang
$u^*_{rel} = 92$

MRS18a; adaptierte CIELAB-Daten	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.8	40.02	77.87	31
J_{Ma}	90.7	−7.27	93.19	93.48	94
G_{Ma}	52.11	−69.93	11.26	70.85	171
$G50B_{Ma}$	45.03	−36.65	−27.13	45.61	217
B_{Ma}	36.65	23.26	−62.27	66.49	290
$B50R_{Ma}$	34.94	57.27	−43.6	71.99	323
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	58.67	27.97	64.99	25
J_{CIE}	81.26	−2.91	71.56	71.62	92
G_{CIE}	52.23	−42.47	13.58	44.6	162
B_{CIE}	30.57	1.33	−46.48	46.51	272

%Regularität
$g^*_{H,rel} = 42$
$g^*_{C,rel} = 49$



5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)

BAM-Prüfvorlage TG51; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntton output: *Startup (S) data dependend*