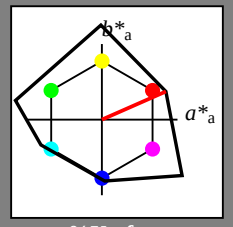
Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton *h* = lab*h = 24/360 = 0.066*
*lab*tch* und *lab*nch*

D65: Buntton R
LCH*Ma: 47 92 24
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

NCS11; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

%Regularität

g*$_{H,rel}$ = 46

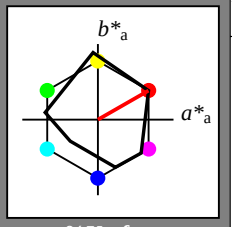
g*$_{C,rel}$ = 65

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton *h* = lab*h = 30/360 = 0.083*
*lab*tch* und *lab*nch*

D65: Buntton R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

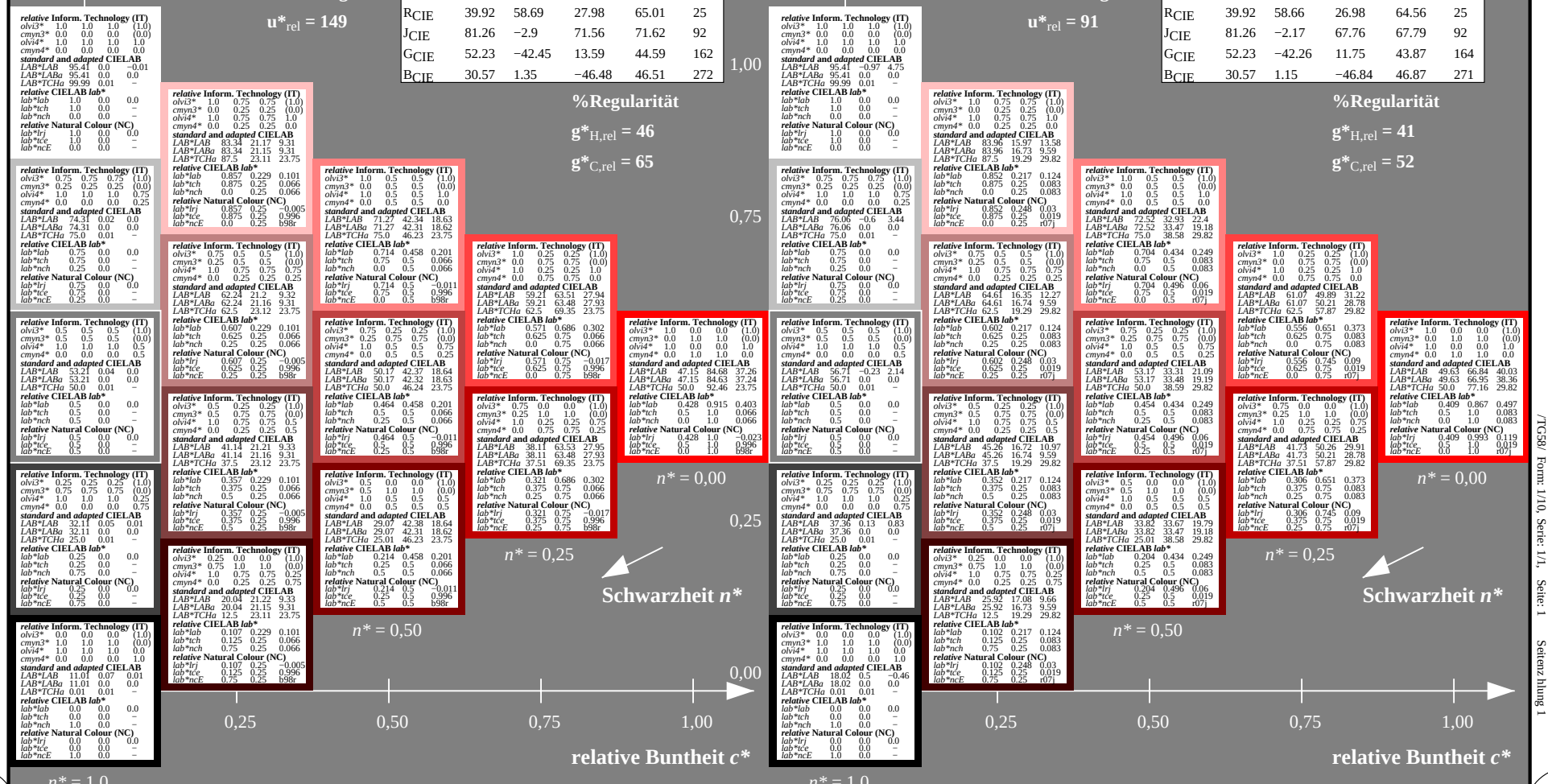
MRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52



TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

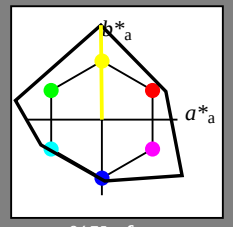
5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (rechts)

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton *h* = lab*h = 91/360 = 0.252*
*lab*tch* und *lab*nch*

D65: Buntton J
LCH*Ma: 91 125 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

%Regularität

g*$_{H,rel}$ = 46

g*$_{C,rel}$ = 65

NCS11; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

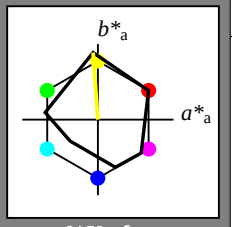
1,00
0,75
0,25
0,00
n* = 0,00
n* = 0,25
n* = 0,50
n* = 1,0
Schwarzheit *n**
0,25 0,50 0,75 1,00
relative Buntheit *c**

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton *h* = lab*h = 94/360 = 0.261*
*lab*tch* und *lab*nch*

D65: Buntton J
LCH*Ma: 91 89 94
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

%Regularität

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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

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**

TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (links)

5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (rechts)

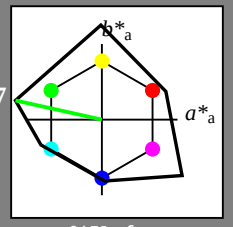
BAM-Prüfvorlage TG58; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntt**öne** input: *Startup (S) data dependend*

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton *h* = lab*h = 167/360 = 0.465*
*lab*tch* und *lab*nch*

D65: Buntton G
LCH*Ma: 63 117 167
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

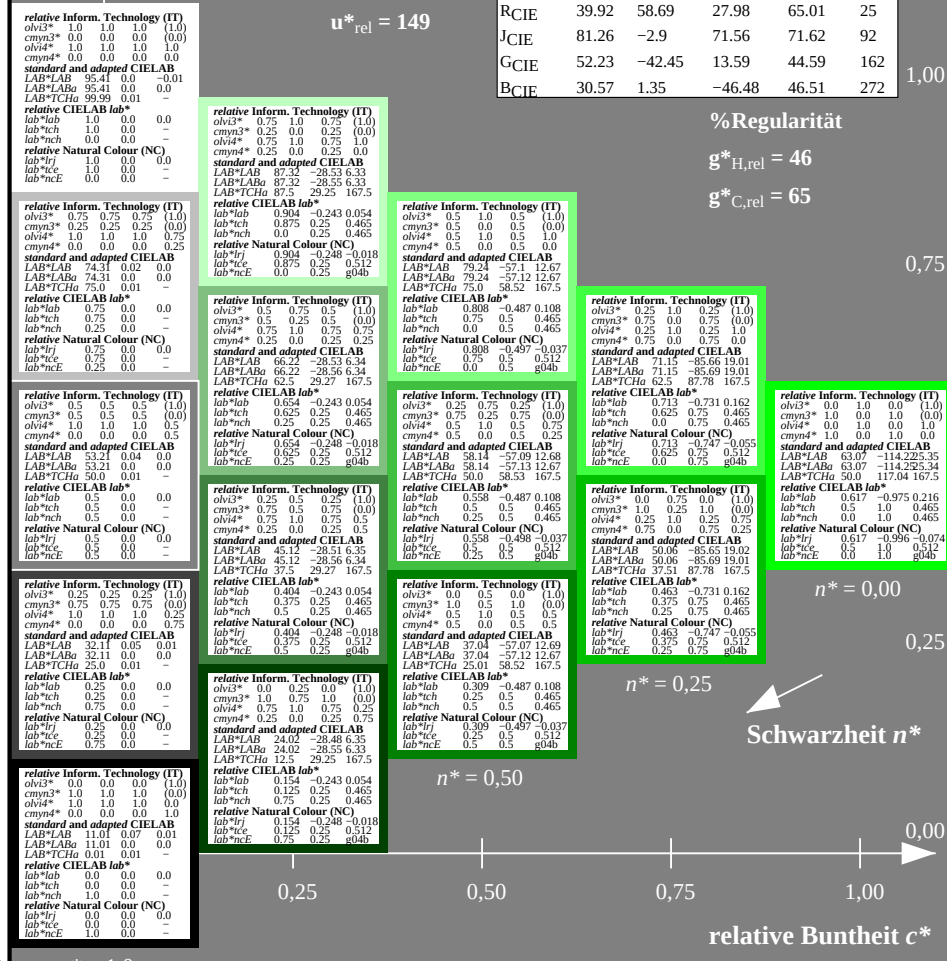
%Regularität

g*$_{H,rel}$ = 46

g*$_{C,rel}$ = 65

NCS11; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R$_{Ma}$	47.15	84.64	37.25	92.48	24
J$_{Ma}$	91.37	−1.27	125.03	125.03	91
G$_{Ma}$	63.07	−114.28	25.35	117.06	167
G50B$_{Ma}$	59.47	−80.6	−33.45	87.28	203
B$_{Ma}$	49.01	3.65	−81.19	81.28	273
B50R$_{Ma}$	44.06	106.09	−73.93	129.32	325
N$_{Ma}$	10.99	0.0	0.0	0.0	0
W$_{Ma}$	95.41	0.0	0.0	0.0	0
R$_{CIE}$	39.92	58.69	27.98	65.01	25
J$_{CIE}$	81.26	−2.9	71.56	71.62	92
G$_{CIE}$	52.23	−42.45	13.59	44.59	162
B$_{CIE}$	30.57	1.35	−46.48	46.51	272

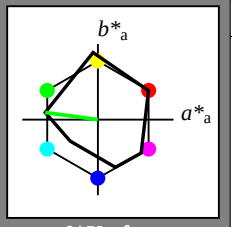


Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton *h* = lab*h = 172/360 = 0.479*
*lab*tch* und *lab*nch*

D65: Buntton G
LCH*Ma: 52 70 172
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

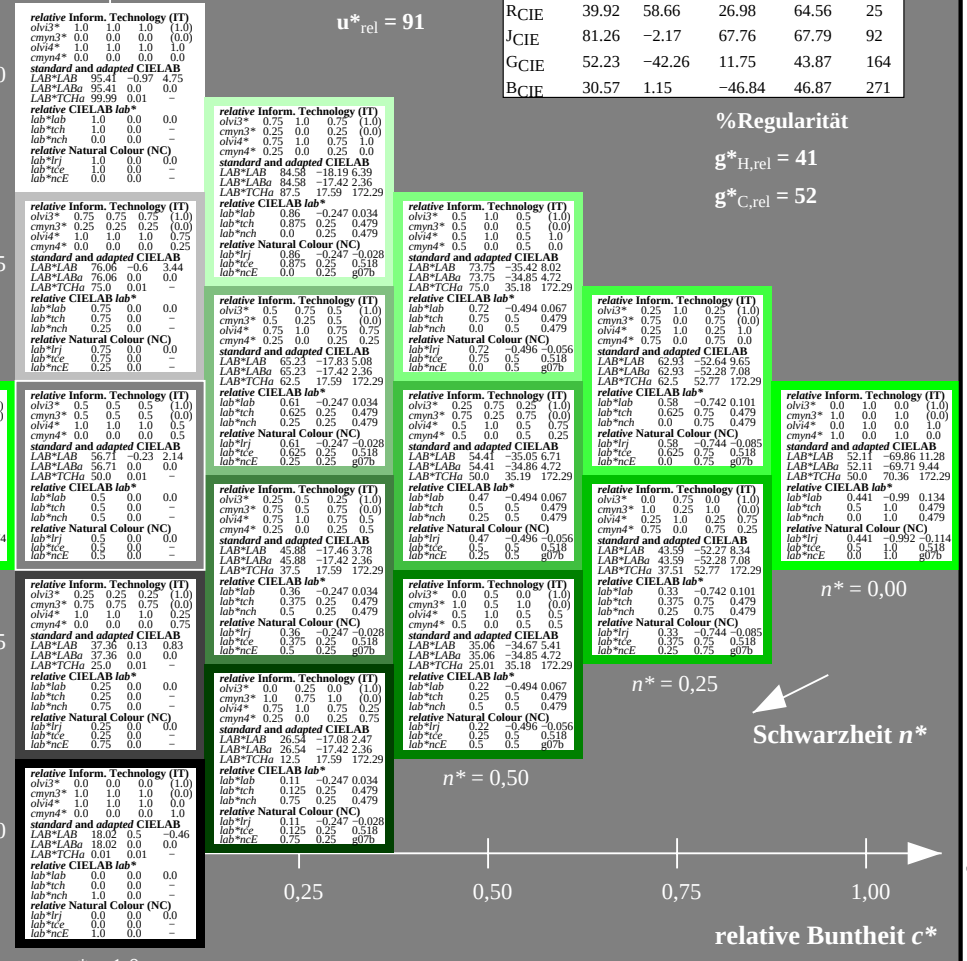
%Regularität

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R$_{Ma}$	49.63	66.96	38.37	77.18	30
J$_{Ma}$	90.7	−6.36	88.75	88.98	94
G$_{Ma}$	52.11	−69.73	9.44	70.37	172
G50B$_{Ma}$	45.03	−36.57	−28.47	46.36	218
B$_{Ma}$	36.65	23.19	−63.05	67.18	290
B50R$_{Ma}$	34.94	57.17	−44.26	72.31	322
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



TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.465 (links)

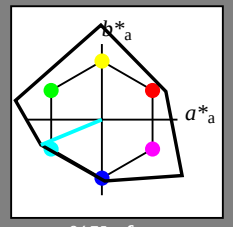
5 stufige Reihen für konstanten CIELAB Buntton 172/360 = 0.479 (rechts)

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton *h* = lab*h = 203/360 = 0.563*
lab*tch* und *lab*nch

D65: Buntton G50B
LCH*Ma: 59 87 203
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

NCS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

%Regularität

g*$_{H,rel}$ = 46

g*$_{C,rel}$ = 65

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

Schwarzheit *n**

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

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

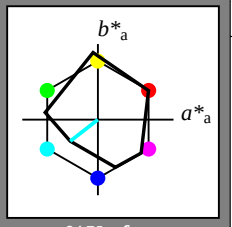
relative Buntheit *c**

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton *h* = lab*h = 218/360 = 0.605*
lab*tch* und *lab*nch

D65: Buntton G50B
LCH*Ma: 45 46 218
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

Schwarzheit *n**

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

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

relative Buntheit *c**

TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (links)

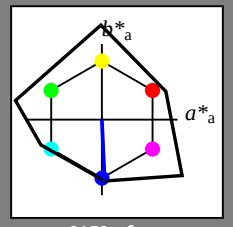
5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (rechts)

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton *h* = lab*h = 273/360 = 0.757*
*lab*tch* und *lab*nch*

D65: Buntton B
LCH*Ma: 49 81 273
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

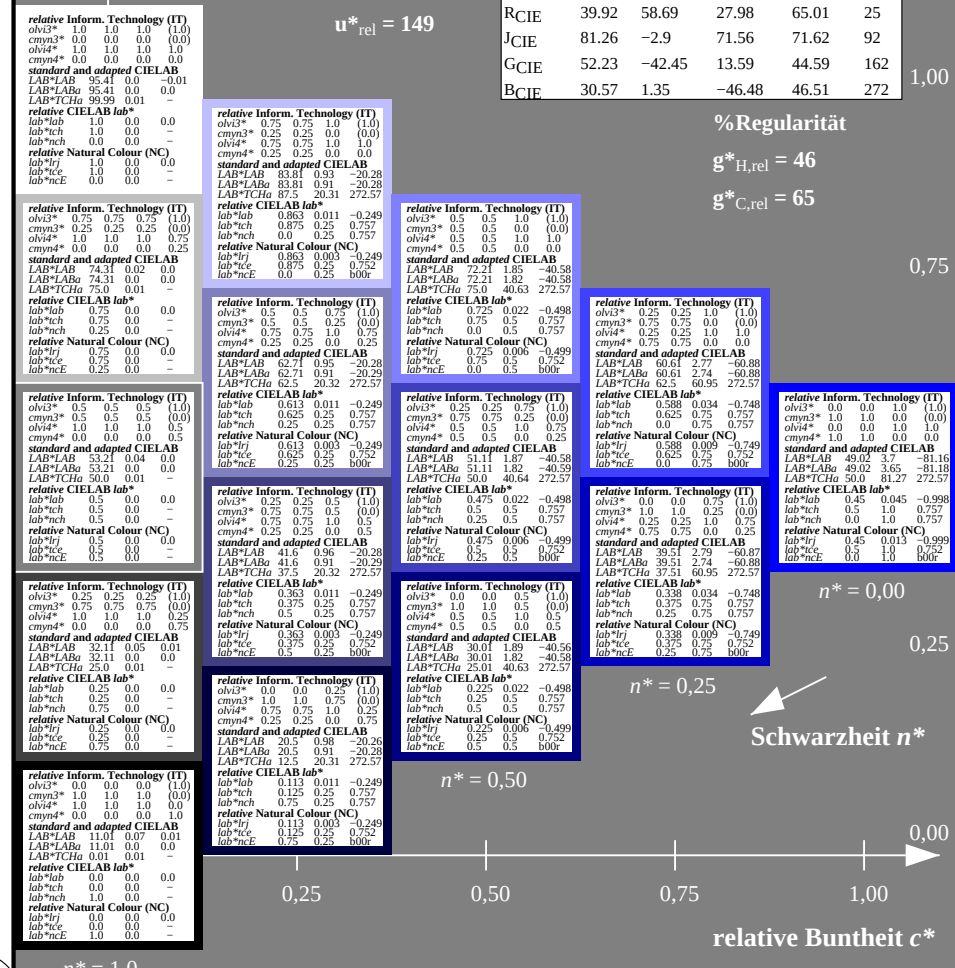
%Regularität

g*$_{H,rel}$ = 46

g*$_{C,rel}$ = 65

NCS11; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

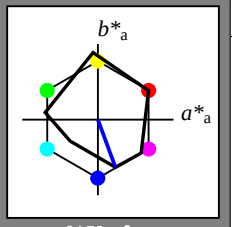


Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton *h* = lab*h = 290/360 = 0.806*
*lab*tch* und *lab*nch*

D65: Buntton B
LCH*Ma: 37 67 290
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

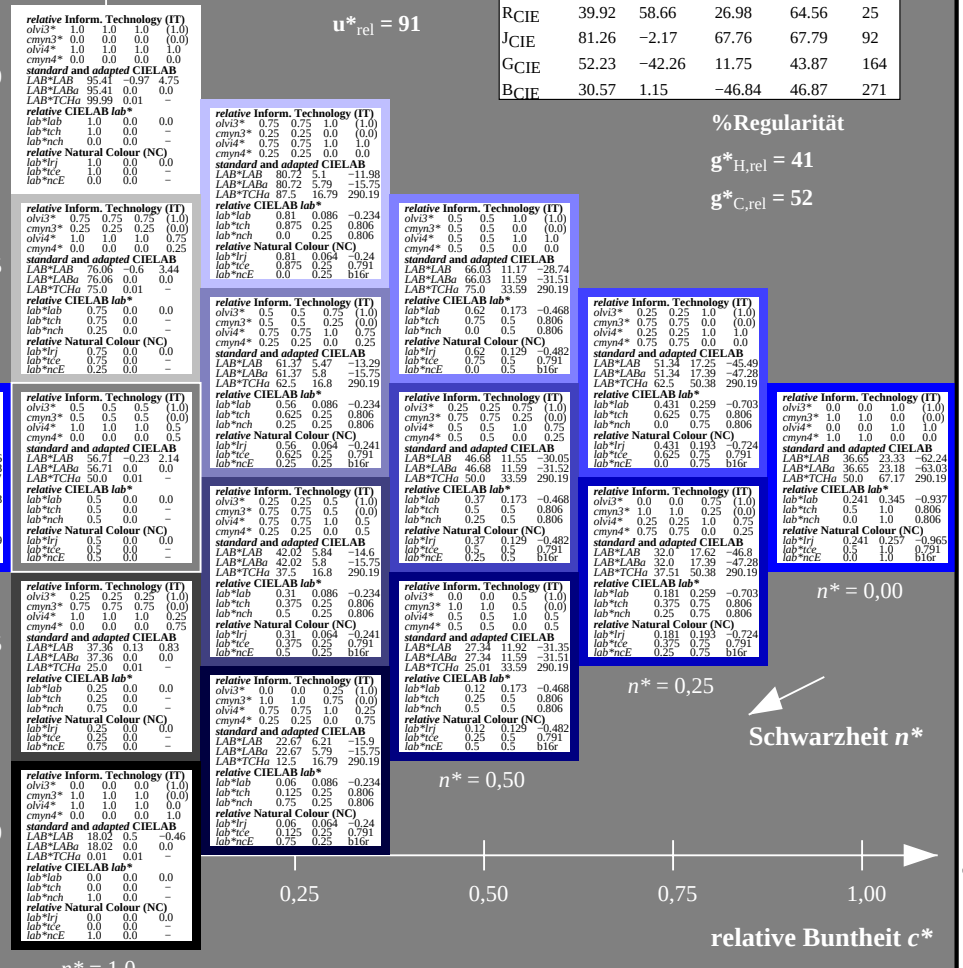
%Regularität

g*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

MRS18; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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



TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.757 (links)

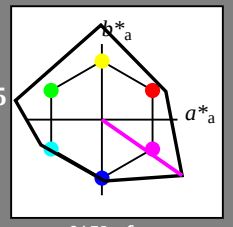
5 stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.806 (rechts)

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton *h* = lab*h = 325/360 = 0.903*
*lab*tch* und *lab*nch*

D65: Buntton B50R
LCH*Ma: 44 129 325
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

NCS11; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

%Regularität

g*$_{H,rel}$ = 46

g*$_{C,rel}$ = 65

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

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

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

Schwarzheit *n**

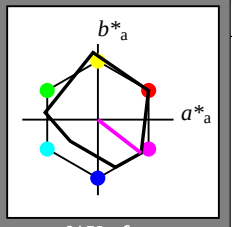
relative Buntheit *c**

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton *h* = lab*h = 322/360 = 0.895*
*lab*tch* und *lab*nch*

D65: Buntton B50R
LCH*Ma: 35 72 322
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

MRS18; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

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

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

Schwarzheit *n**

relative Buntheit *c**

TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

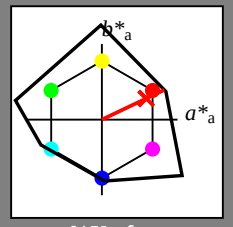
5 stufige Reihen für konstanten CIELAB Buntton 322/360 = 0.895 (rechts)

Eingabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton R
LCH*Ma: 48 91 25
rgb*Ma: 1.0 0.02 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

NCS11; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

%Regularität

g*$_{H,rel}$ = 46

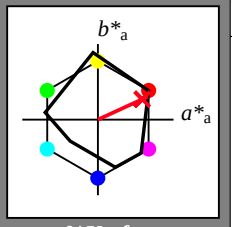
g*$_{C,rel}$ = 65

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton *h* = lab*h = 25/360 = 0.069*
*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*$_{rel}$ = 91

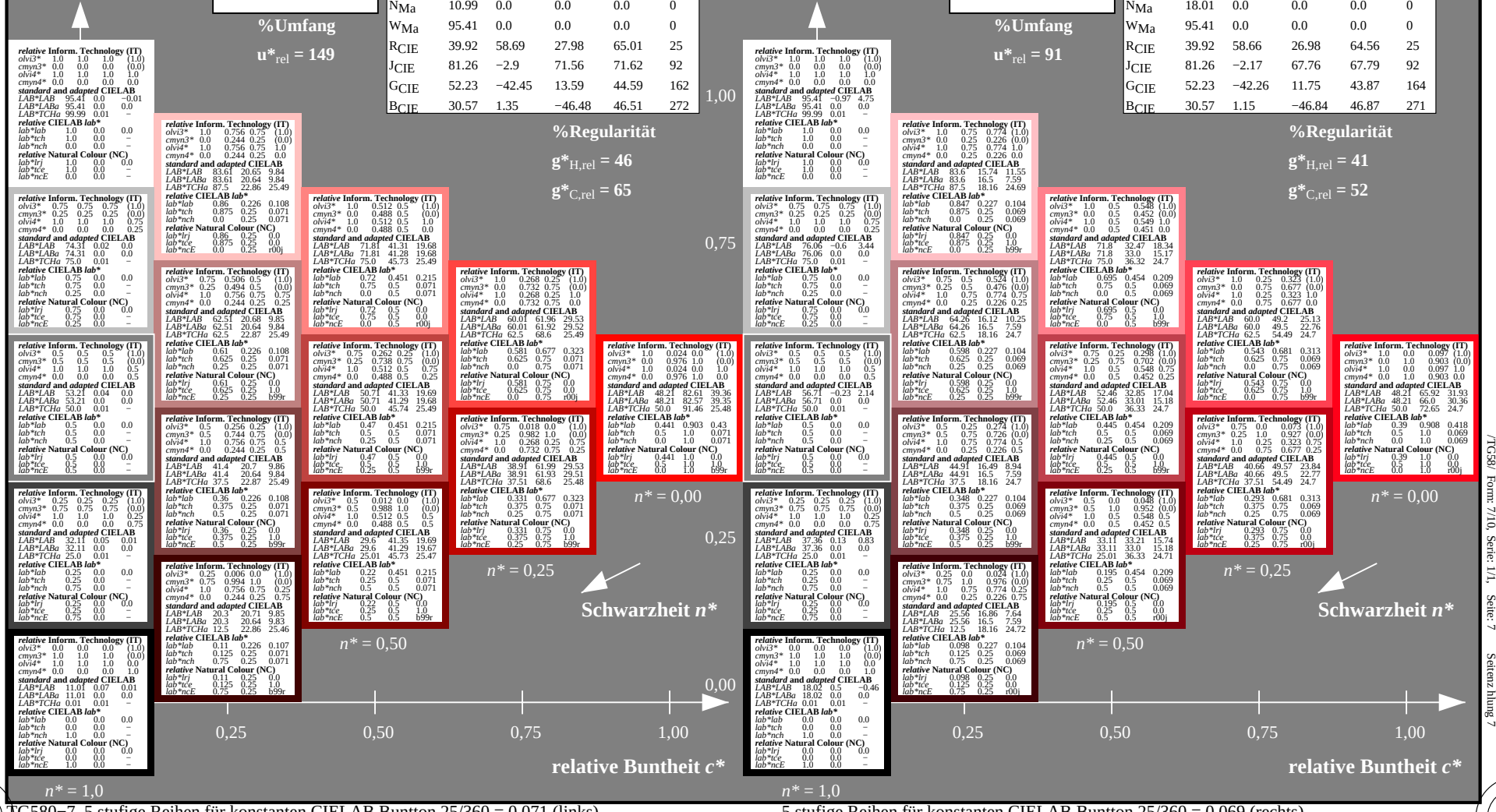
MRS18; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52



TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

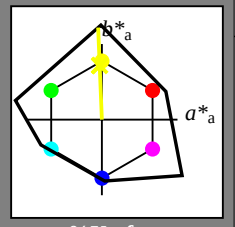
5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

Eingabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton J
LCH*Ma: 90 122 92
rgb*Ma: 0.97 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

NCS11; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

1,00

%Regularität

g*$_{H,rel}$ = 46

g*$_{C,rel}$ = 65

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

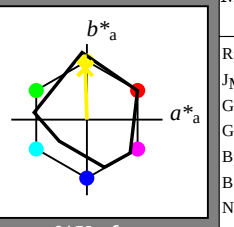
relative Buntheit *c**

Ausgabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton J
LCH*Ma: 89 86 92
rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

MRS18; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

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**

TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

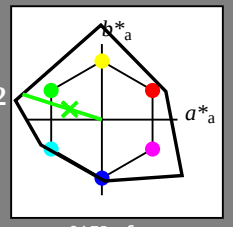
BAM-Prüfvorlage TG58; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntt**öne** input: *Startup (S) data dependend*

Eingabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton G
LCH*Ma: 65 110 162
rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang
u*$_{rel}$ = 149

NCS11; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

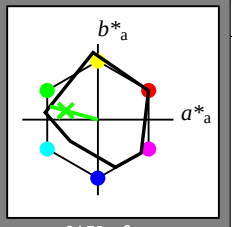
%Regularität
g*$_{H,rel}$ = 46
g*$_{C,rel}$ = 65

Ausgabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit *t**



%Umfang
u*$_{rel}$ = 91

MRS18; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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*$_{H,rel}$ = 41
g*$_{C,rel}$ = 52

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

n* = 1,0
n* = 0,75
n* = 0,50
n* = 0,25
n* = 0,00

Schwarzheit *n**

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

relative Buntheit *c**

TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

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

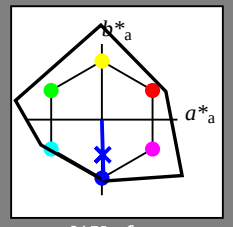
BAM-Prüfvorlage TG58; Farbmetrik-Systeme ORS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntt**one**input: *Startup (S) data dependend*

Eingabe: Farbmetrisches Reflexions-System NCS11

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

D65: Buntton B
LCH*Ma: 49 80 272
rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 149

NCS11; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	47.15	84.64	37.25	92.48	24
J_{Ma}	91.37	−1.27	125.03	125.03	91
G_{Ma}	63.07	−114.28	25.35	117.06	167
$G50B_{Ma}$	59.47	−80.6	−33.45	87.28	203
B_{Ma}	49.01	3.65	−81.19	81.28	273
$B50R_{Ma}$	44.06	106.09	−73.93	129.32	325
N_{Ma}	10.99	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.69	27.98	65.01	25
J_{CIE}	81.26	−2.9	71.56	71.62	92
G_{CIE}	52.23	−42.45	13.59	44.59	162
B_{CIE}	30.57	1.35	−46.48	46.51	272

%Regularität

g*$_{H,rel}$ = 46

g*$_{C,rel}$ = 65

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

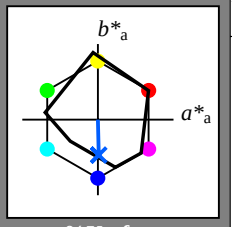
relative Buntheit *c**

Ausgabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton B
LCH*Ma: 40 50 271
rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit *t**



%Umfang

u*$_{rel}$ = 91

MRS18; adaptierte CIELAB-Daten

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
R_{Ma}	49.63	66.96	38.37	77.18	30
J_{Ma}	90.7	−6.36	88.75	88.98	94
G_{Ma}	52.11	−69.73	9.44	70.37	172
$G50B_{Ma}$	45.03	−36.57	−28.47	46.36	218
B_{Ma}	36.65	23.19	−63.05	67.18	290
$B50R_{Ma}$	34.94	57.17	−44.26	72.31	322
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*$_{H,rel}$ = 41

g*$_{C,rel}$ = 52

TG580−7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)