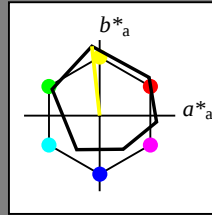


Eingabe: Farbmatisches Reflexions-System ORS18

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



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

n* = 0,00

0,25

n* = 0,25

n* = 0,50

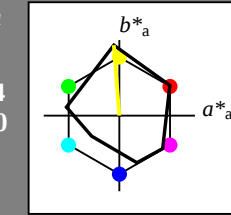
n* = 1,0

relative Buntheit c^*

Ausgabe: Farbmatisches 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



%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

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

1,00

n* = 0,00

0,25

n* = 0,25

n* = 0,50

n* = 1,0

relative Buntheit c^*

TG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

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

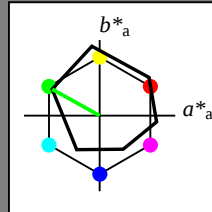
BAM-Prüfvorlage TG41; Farbmatisches Reflexions-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches 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

1,00



%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

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
$LAB^*LAB 95.41 0.01 0.0$
$LAB^*LAB 95.41 0.01 0.0$
$LAB^*TCha 98.99 0.01 0.0$
relative CIELAB lab*
$lab^*lab 1.0 0.0 0.0$
$lab^*tch 1.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)
$lab^*trj 1.0 0.0 0.0$
$lab^*tce 1.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)
$olvi3^* 0.75 0.75 0.75 (1.0)$
$cmyn3^* 0.25 0.25 0.25 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
$LAB^*LAB 76.06 0.03 0.0$
$LAB^*LAB 76.06 0.03 0.0$
$LAB^*TCha 75.0 0.01 0.0$
relative CIELAB lab*
$lab^*lab 0.75 0.75 0.75 (1.0)$
$lab^*tch 0.75 0.75 0.75 (1.0)$
$lab^*nch 0.25 0.25 0.25 (0.0)$
relative Natural Colour (NC)
$lab^*trj 0.75 0.75 0.75 (1.0)$
$lab^*tce 0.75 0.75 0.75 (1.0)$
$lab^*nce 0.25 0.25 0.25 (0.0)$

relative Inform. Technology (IT)
$olvi3^* 0.5 0.5 0.5 (1.0)$
$cmyn3^* 0.5 0.5 0.5 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
$LAB^*LAB 56.71 0.05 0.0$
$LAB^*LAB 56.71 0.05 0.0$
$LAB^*TCha 50.0 0.01 0.0$
relative CIELAB lab*
$lab^*lab 0.5 0.5 0.5 (1.0)$
$lab^*tch 0.5 0.5 0.5 (1.0)$
$lab^*nch 0.5 0.5 0.5 (0.0)$
relative Natural Colour (NC)
$lab^*trj 0.5 0.5 0.5 (1.0)$
$lab^*tce 0.5 0.5 0.5 (1.0)$
$lab^*nce 0.5 0.5 0.5 (0.0)$

relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
$LAB^*LAB 37.36 0.07 0.0$
$LAB^*LAB 37.36 0.07 0.0$
$LAB^*TCha 25.0 0.01 0.0$
relative CIELAB lab*
$lab^*lab 0.25 0.25 0.25 (1.0)$
$lab^*tch 0.25 0.25 0.25 (1.0)$
$lab^*nch 0.75 0.75 0.75 (0.0)$
relative Natural Colour (NC)
$lab^*trj 0.25 0.25 0.25 (1.0)$
$lab^*tce 0.25 0.25 0.25 (1.0)$
$lab^*nce 0.75 0.75 0.75 (0.0)$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.0 0.0 (1.0)$
$cmyn3^* 1.0 1.0 1.0 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
$LAB^*LAB 18.02 0.1 0.02$
$LAB^*LAB 18.02 0.1 0.02$
$LAB^*TCha 0.01 0.01 0.0$
relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$
$lab^*nch 1.0 0.0 0.0$
relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$
$lab^*nce 1.0 0.0 0.0$

 $n^* = 1.0$

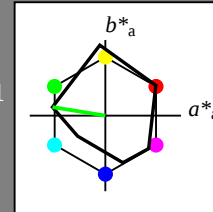
5 stufige Reihen für konstanten CIELAB Buntton 171/360 = 0.475 (rechts)

Ausgabe: Farbmatisches 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

1,00



%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

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

1,00

relative Inform. Technology (IT)
$olvi3^* 0.75 1.0 0.75 (1.0)$
$cmyn3^* 0.25 0.0 0.75 (0.0)$
$olvi4^* 0.75 1.0 0.75 1.0$
$cmyn4^* 0.0 0.25 0.0 0.0$
standard and adapted CIELAB
$LAB^*LAB 84.58 -17.45 2.82$
$LAB^*LAB 84.58 -17.45 2.82$
$LAB^*TCha 87.5 17.7 170.85$
relative CIELAB lab*
$lab^*lab 0.86 -0.247 -0.03$
$lab^*tch 0.86 -0.247 -0.03$
$lab^*nch 0.86 -0.247 -0.03$
relative Natural Colour (NC)
$lab^*trj 0.86 -0.247 -0.03$
$lab^*tce 0.86 -0.247 -0.03$
$lab^*nce 0.86 -0.247 -0.03$

relative Inform. Technology (IT)
$olvi3^* 0.5 0.75 0.5 (1.0)$
$cmyn3^* 0.5 0.25 0.5 (0.0)$
$olvi4^* 0.75 1.0 0.75 0.75$
$cmyn4^* 0.0 0.25 0.0 0.25$
standard and adapted CIELAB
$LAB^*LAB 65.23 -17.43 2.83$
$LAB^*LAB 65.23 -17.43 2.83$
$LAB^*TCha 62.5 17.71 170.85$
relative CIELAB lab*
$lab^*lab 0.51 -0.246 0.04$
$lab^*tch 0.51 -0.246 0.04$
$lab^*nch 0.51 -0.246 0.04$
relative Natural Colour (NC)
$lab^*trj 0.51 -0.246 0.04$
$lab^*tce 0.51 -0.246 0.04$
$lab^*nce 0.51 -0.246 0.04$

relative Inform. Technology (IT)
$olvi3^* 0.25 0.5 0.25 (1.0)$
$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 0.5 1.0 0.5 0.75$
$cmyn4^* 0.0 0.5 0.0 0.5$
standard and adapted CIELAB
$LAB^*LAB 45.88 -17.41 2.83$
$LAB^*LAB 45.88 -17.41 2.83$
$LAB^*TCha 37.5 17.71 170.85$
relative CIELAB lab*
$lab^*lab 0.36 -0.246 0.04$
$lab^*tch 0.36 -0.246 0.04$
$lab^*nch 0.36 -0.246 0.04$
relative Natural Colour (NC)
$lab^*trj 0.36 -0.246 0.04$
$lab^*tce 0.36 -0.246 0.04$
$lab^*nce 0.36 -0.246 0.04$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.25 0.0 (1.0)$
$cmyn3^* 1.0 0.75 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 0.75$
$cmyn4^* 0.25 0.0 0.25 0.75$
standard and adapted CIELAB
$LAB^*LAB 26.54 -17.52 2.84$
$LAB^*LAB 26.54 -17.52 2.84$
$LAB^*TCha 12.5 17.7 170.85$
relative CIELAB lab*
$lab^*lab 0.11 -0.246 0.04$
$lab^*tch 0.11 -0.246 0.04$
$lab^*nch 0.11 -0.246 0.04$
relative Natural Colour (NC)
$lab^*trj 0.11 -0.246 0.04$
$lab^*tce 0.11 -0.246 0.04$
$lab^*nce 0.11 -0.246 0.04$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.0 0.0 (1.0)$
$cmyn3^* 1.0 1.0 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 1.0$
$cmyn4^* 0.0 0.0 0.0 1.0$
standard and adapted CIELAB
$LAB^*LAB 18.02 0.1 0.02$
$LAB^*LAB 18.02 0.1 0.02$
$LAB^*TCha 0.01 0.01 0.0$
relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$
$lab^*nch 1.0 0.0 0.0$
relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$
$lab^*nce 1.0 0.0 0.0$

 $n^* = 1.0$

relative Inform. Technology (IT)
$olvi3^* 0.5 1.0 0.5 (1.0)$
$cmyn3^* 0.5 0.0 0.5 (0.0)$
$olvi4^* 0.5 1.0 0.5 1.0$
$cmyn4^* 0.0 0.5 0.0 0.0$
standard and adapted CIELAB
$LAB^*LAB 73.75 -34.92 5.64$
$LAB^*LAB 73.75 -34.92 5.64$
$LAB^*TCha 75.0 35.42 170.85$
relative CIELAB lab*
$lab^*lab 0.72 -0.493 0.079$
$lab^*tch 0.72 -0.493 0.079$
$lab^*nch 0.72 -0.493 0.079$
relative Natural Colour (NC)
$lab^*trj 0.72 -0.493 0.079$
$lab^*tce 0.72 -0.493 0.079$
$lab^*nce 0.72 -0.493 0.079$

relative Inform. Technology (IT)
$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 0.5 1.0 0.5 0.75$
$cmyn4^* 0.0 0.25 0.0 0.25$
standard and adapted CIELAB
$LAB^*LAB 54.41 -34.96 5.63$
$LAB^*LAB 54.41 -34.96 5.63$
$LAB^*TCha 50.0 35.42 170.85$
relative CIELAB lab*
$lab^*lab 0.47 -0.493 0.06$
$lab^*tch 0.47 -0.493 0.06$
$lab^*nch 0.47 -0.493 0.06$
relative Natural Colour (NC)
$lab^*trj 0.47 -0.493 0.06$
$lab^*tce 0.47 -0.493 0.06$
$lab^*nce 0.47 -0.493 0.06$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.5 0.0 (1.0)$
$cmyn3^* 1.0 0.5 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 0.5$
$cmyn4^* 0.5 0.0 0.5 0.5$
standard and adapted CIELAB
$LAB^*LAB 35.06 -34.88 5.65$
$LAB^*LAB 35.06 -34.88 5.65$
$LAB^*TCha 25.01 35.42 170.85$
relative CIELAB lab*
$lab^*lab 0.22 -0.493 0.079$
$lab^*tch 0.22 -0.493 0.079$
$lab^*nch 0.22 -0.493 0.079$
relative Natural Colour (NC)
$lab^*trj 0.22 -0.493 0.079$
$lab^*tce 0.22 -0.493 0.079$
$lab^*nce 0.22 -0.493 0.079$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.25 0.0 (1.0)$
$cmyn3^* 1.0 0.75 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 0.75$
$cmyn4^* 0.25 0.0 0.25 0.75$
standard and adapted CIELAB
$LAB^*LAB 26.54 -17.52 2.84$
$LAB^*LAB 26.54 -17.52 2.84$
$LAB^*TCha 12.5 17.7 170.85$
relative CIELAB lab*
$lab^*lab 0.11 -0.246 0.04$
$lab^*tch 0.11 -0.246 0.04$
$lab^*nch 0.11 -0.246 0.04$
relative Natural Colour (NC)
$lab^*trj 0.11 -0.246 0.04$
$lab^*tce 0.11 -0.246 0.04$
$lab^*nce 0.11 -0.246 0.04$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.0 0.0 (1.0)$
$cmyn3^* 1.0 1.0 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 1.0$
$cmyn4^* 0.0 0.0 0.0 1.0$
standard and adapted CIELAB
$LAB^*LAB 18.02 0.1 0.02$
$LAB^*LAB 18.02 0.1 0.02$
$LAB^*TCha 0.01 0.01 0.0$
relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$
$lab^*nch 1.0 0.0 0.0$
relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$
$lab^*nce 1.0 0.0 0.0$

 $n^* = 1.0$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.75 0.0 (1.0)$
$cmyn3^* 1.0 0.0 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 0.75$
$cmyn4^* 0.75 0.0 0.75 0.0$
standard and adapted CIELAB
$LAB^*LAB 52.11 -69.93 11.26$
$LAB^*LAB 52.11 -69.93 11.26$
$LAB^*TCha 50.0 70.83 170.85$
relative CIELAB lab*
$lab^*lab 0.441 -0.986 0.159$
$lab^*tch 0.441 -0.986 0.159$
$lab^*nch 0.441 -0.986 0.159$
relative Natural Colour (NC)
$lab^*trj 0.441 -0.986 0.159$
$lab^*tce 0.441 -0.986 0.159$
$lab^*nce 0.441 -0.986 0.159$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.5 0.0 (1.0)$
$cmyn3^* 1.0 0.25 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 0.5$
$cmyn4^* 0.5 0.0 0.5 0.5$
standard and adapted CIELAB
$LAB^*LAB 43.39 -32.37 8.47$
$LAB^*LAB 43.39 -32.37 8.47$
$LAB^*TCha 37.51 53.13 170.85$
relative CIELAB lab*
$lab^*lab 0.33 -0.739 0.119$
$lab^*tch 0.33 -0.739 0.119$
$lab^*nch 0.33 -0.739 0.119$
relative Natural Colour (NC)
$lab^*trj 0.33 -0.739 0.119$
$lab^*tce 0.33 -0.739 0.119$
$lab^*nce 0.33 -0.739 0.119$

relative Inform. Technology (IT)
$olvi3^* 0.0 0.25 0.0 (1.0)$
$cmyn3^* 1.0 0.75 1.0 (0.0)$
$olvi4^* 0.0 1.0 0.0 0.25$
$cmyn4^* 0.25 0.0 0.25 0.25$ </

Eingabe: Farbmatisches Reflexions-System ORS18

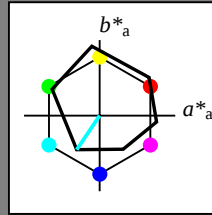
für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



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

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

Ausgabe: Farbmatisches Reflexions-System MRS18a

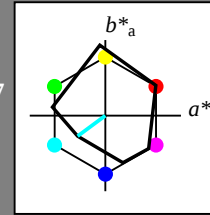
für Buntton $h^* = lab^*h = 217/360 = 0.601$ lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 217

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



%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
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
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

 $g^*_{H,rel} = 42$ $g^*_{C,rel} = 49$ $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

TG410-7, 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 TG41; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^*setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependent*

Eingabe: Farbmatisches Reflexions-System ORS18

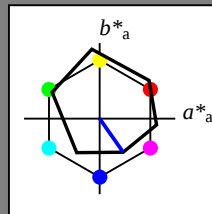
für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



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

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

Ausgabe: Farbmatisches Reflexions-System MRS18a

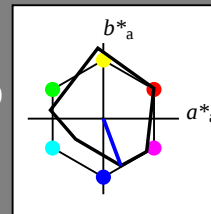
für Buntton $h^* = lab^*h = 290/360 = 0.807$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 37 66 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



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
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
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

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

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

TG410-7, 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 TG41; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

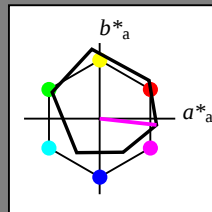
Eingabe: Farbmatisches Reflexions-System ORS18

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

1,00



%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

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 0.01 0.0
LAB*TCha 95.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*trj 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 0.03 0.0
LAB*LABa 76.06 0.03 0.0
LAB*TCha 75.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.25 0.0 0.0
lab*trj 0.75 0.0 0.0
relative Natural Colour (NC)
lab*tce 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.05 0.0
LAB*LABa 56.71 0.05 0.0
LAB*TCha 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.5
lab*trj 0.5 0.0 0.0
relative Natural Colour (NC)
lab*tce 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.07 0.0
LAB*LABa 37.36 0.07 0.0
LAB*TCha 25.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
lab*trj 0.25 0.0 0.0
relative Natural Colour (NC)
lab*tce 0.25 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*trj 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*trj 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

 $n^* = 1.0$ relative Buntheit c^*

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

 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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

 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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

 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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

 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

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

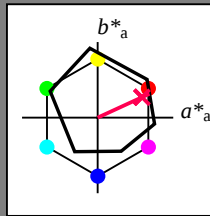
 $n^* = 0,00$ Schwarzheit n^*

Eingabe: Farbmatisches 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



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

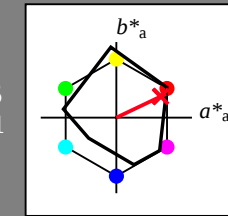
 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

Ausgabe: Farbmatisches 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

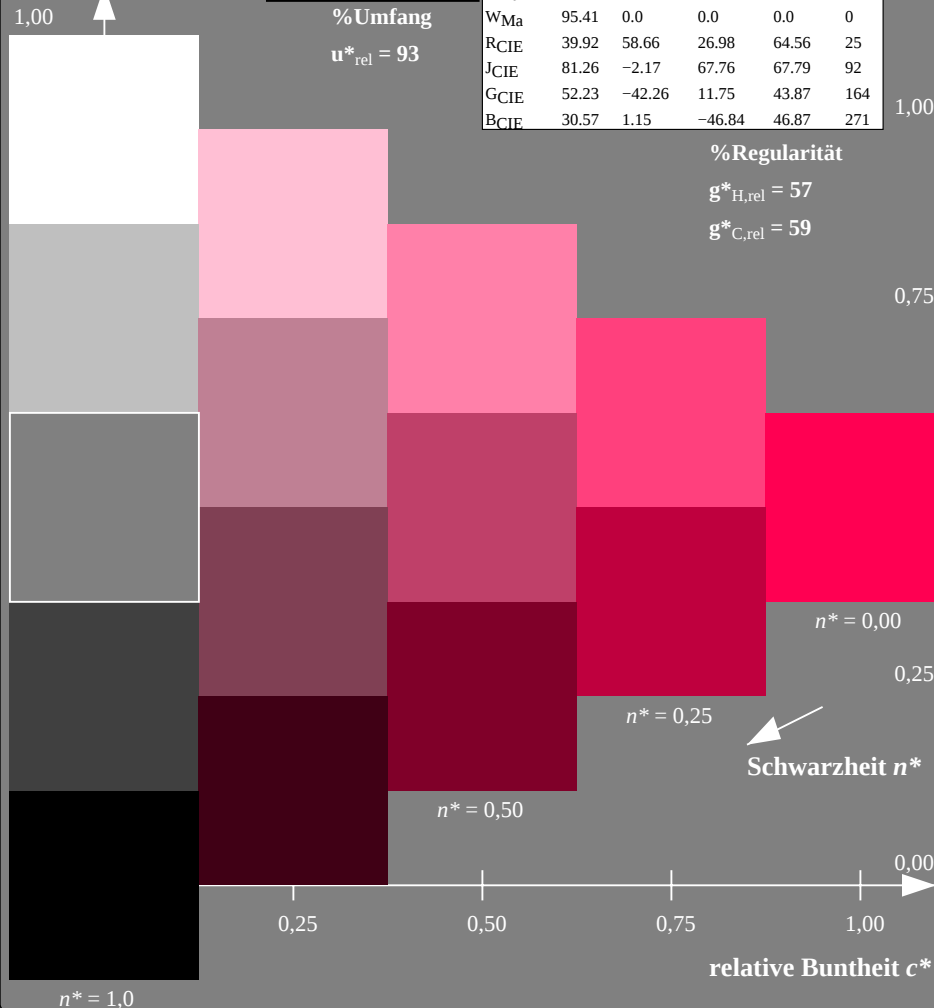
Dreiecks-Helligkeit



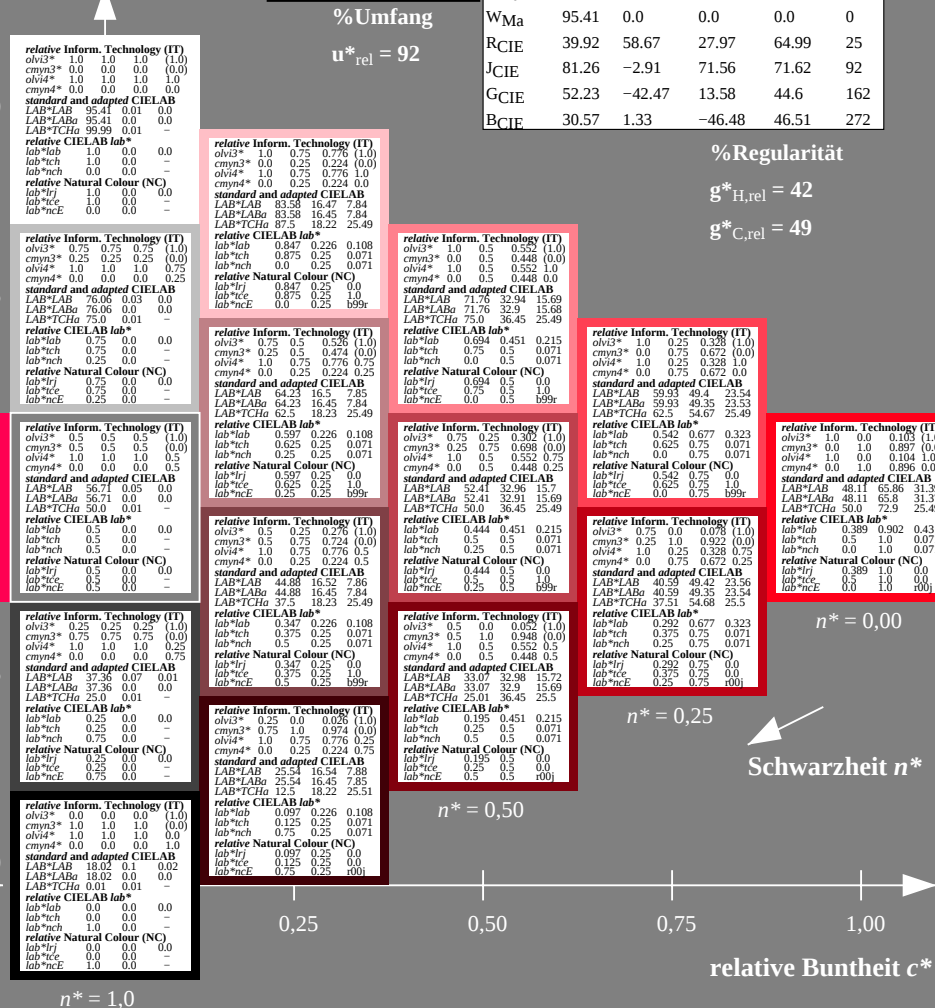
MRS18a; adaptierte CIELAB-Daten

	$L^* = L^*_a$	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
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
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

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

TG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage TG41; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

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

Eingabe: Farbmatisches 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

1,00

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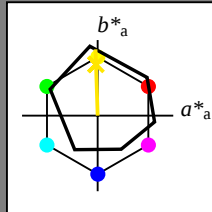
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%Umfang

 $u^*_{rel} = 93$

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: Farbmatisches 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

1,00

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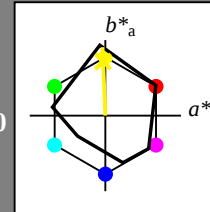
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%Umfang

 $u^*_{rel} = 92$

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

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

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 95.99 0.01 0.0
relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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 0.0
relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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 0.0
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCha 25.0 0.01 0.0
relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.1 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCha 25.0 0.01 0.0
relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.1 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCha 25.0 0.01 0.0
relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.1 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.07 0.0
LAB*LABa 37.36 0.0 0.0
LAB*TCha 25.0 0.01 0.0
relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.1 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 1.0 0.988 0.75 (1.0)
cmyn3* 0.0 0.012 0.25 (0.0)
olvi4* 1.0 0.988 0.75 (1.0)
cmyn4* 0.0 0.012 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 93.73 -0.91 22.65
LAB*LABa 93.73 -0.92 22.65
LAB*TCha 87.5 22.67 92.65
relative CIELAB lab*
lab*lab 0.978 -0.009 0.25
lab*tch 0.875 0.25 0.257
lab*nch 0.0 0.25 0.257
relative Natural Colour (NC)
lab*trj 0.978 0.0 0.25
lab*tce 0.875 0.25 0.25
lab*nce 0.0 0.25 0.257

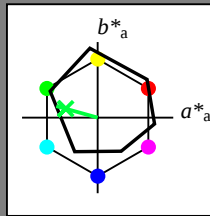
relative Inform. Technology (IT)
olvi3* 0.75 0.728 0.25 (1.0)
cmyn3* 0.25 0.272 0.75 (0.0)
olvi4* 1.0 0.988 0.75 (1.0)
cmyn4* 0.0 0.012 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 74.38 -0.88 22.66
LAB*LABa 74.38 -0.91 22.66
LAB*TCha 62.5 22.67 92.33
relative CIELAB lab*
lab*lab 0.728 0.0 0.25
lab*tch 0.625 0.25 0.25
lab*nch 0.25 0.25 0.257
relative Natural Colour (NC)
lab*trj 0.728 0.0 0.25
lab*tce 0.625 0.25 0.25
lab*nce 0.25 0.25 0.257

relative Inform. Technology (IT)
olvi3* 0.5 0.488 0.25 (1.0)
cmyn3* 0.5 0.512 0.75 (0.0)
olvi4* 1.0 0.988 0.75 (1.0)
cmyn4* 0.0 0.012 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 55.03 -0.86 22.67
LAB*LABa 55.03 -0.91 22.66
LAB*TCha 37.5 22.67 92.33
relative CIELAB lab*
lab*lab 0.478 -0.009 0.25
lab*tch 0.478 0.25 0.256
lab*nch 0.25 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.478 0.0 0.25
lab*tce 0.478 0.25

Eingabe: Farbmatisches 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



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

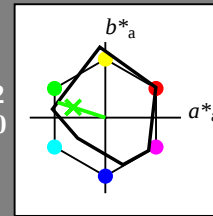
%Regularität

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

Ausgabe: Farbmatisches 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

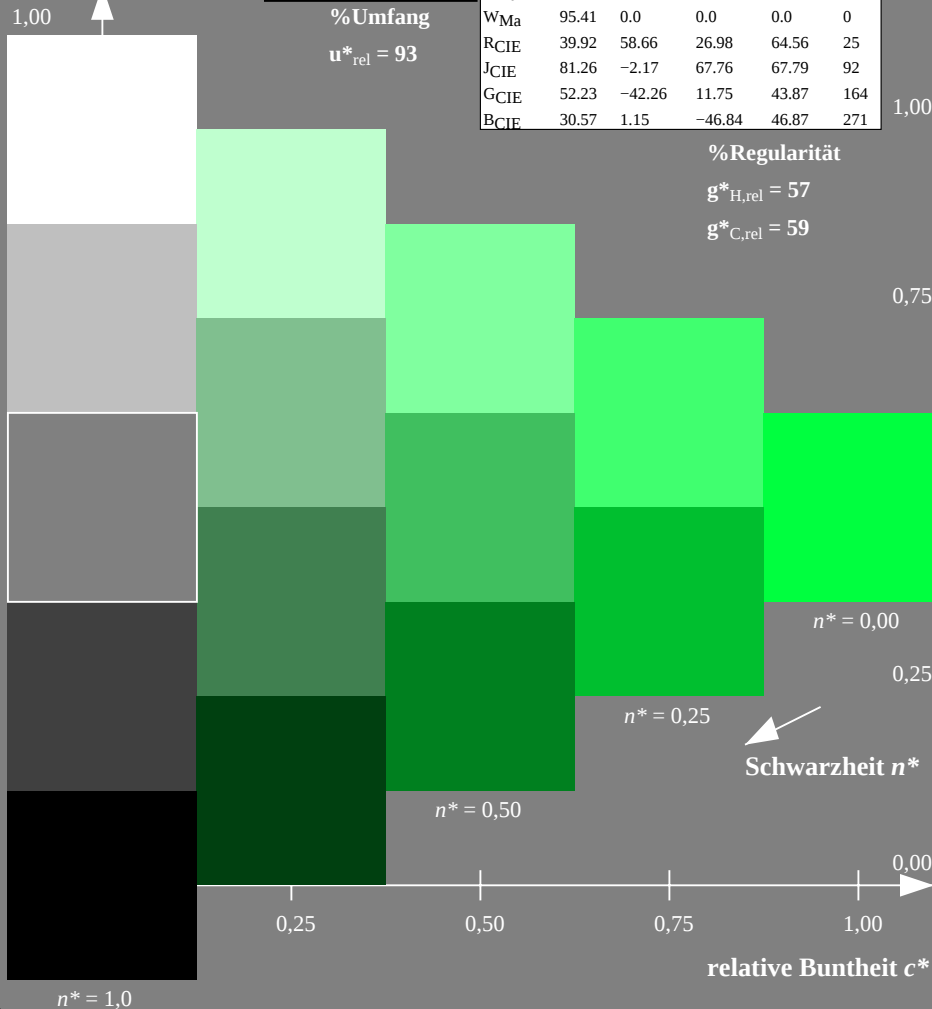
Dreiecks-Helligkeit



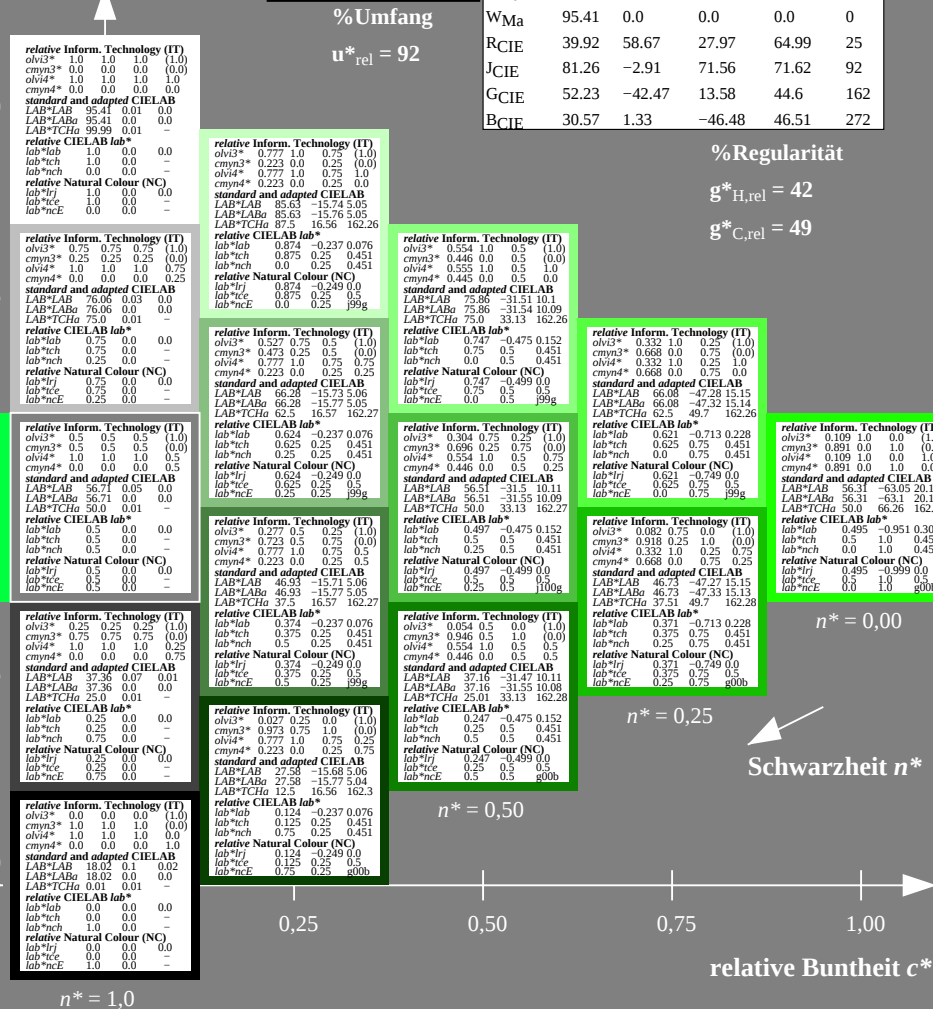
MRS18a; adaptierte CIELAB-Daten

	$L^* = L^*_a$	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
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
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

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

TG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

BAM-Prüfvorlage TG41; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependent*

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

Eingabe: Farbmatisches Reflexions-System ORS18

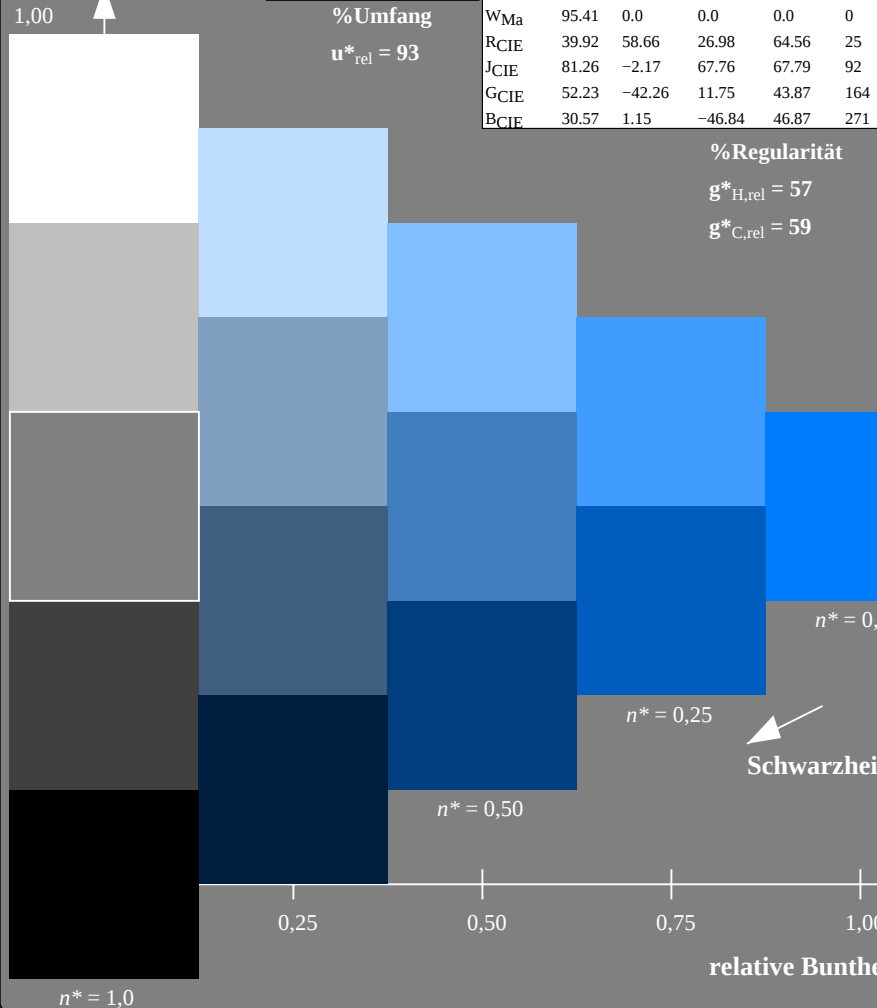
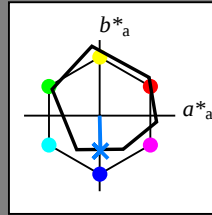
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



TG410-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

BAM-Prüfvorlage TG41; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System MRS18a

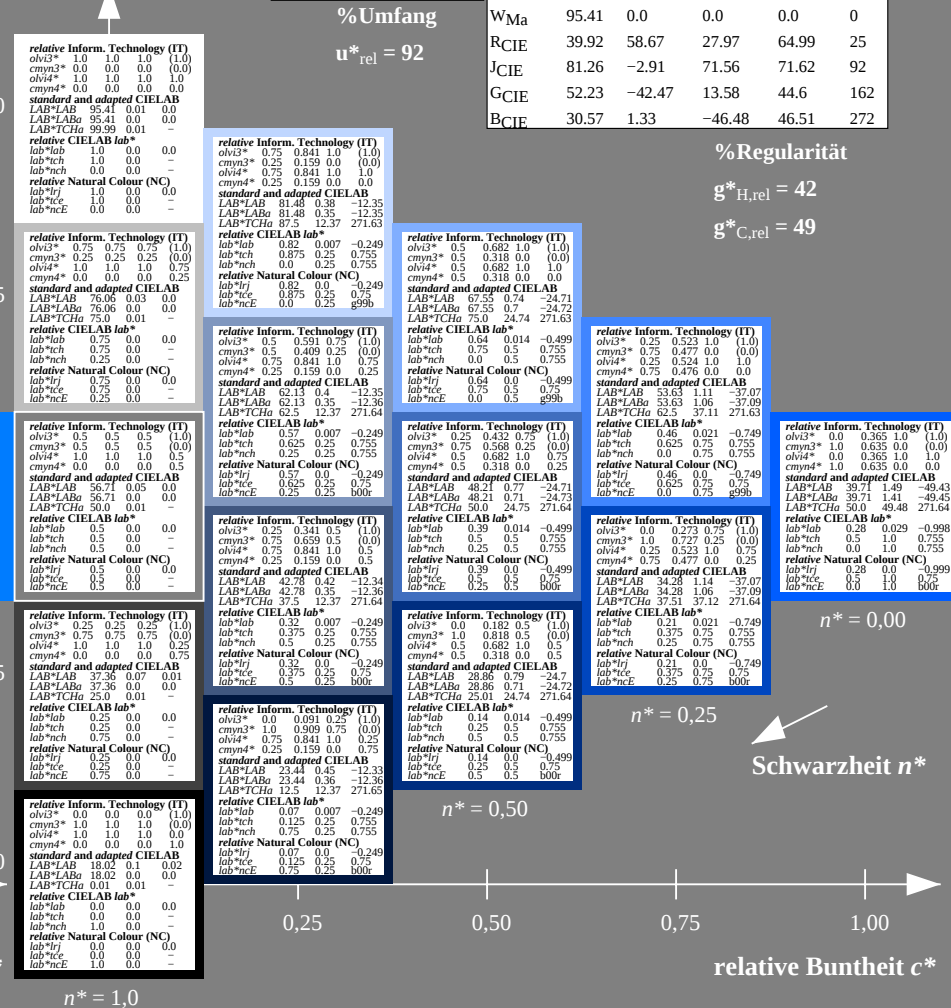
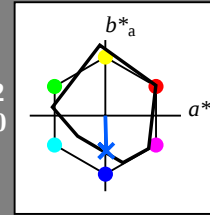
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 40 49 272

rgb*Ma: 0.0 0.36 1.0

Dreiecks-Helligkeit



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