

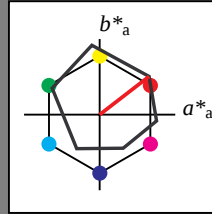
Eingabe: Farbmatisches Reflexions-System ORS18

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



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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

0,00

$n^* = 1,0$

relative Buntheit c^*

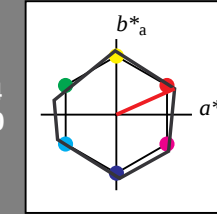
Ausgabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 24/360 = 0.067$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 53 84 24
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 119$

NRS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

1,00

0,75

0,25

0,00

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

0,00

$n^* = 1,0$

relative Buntheit c^*

UG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (rechts)

BAM-Prüfvorlage UG42; Farbmatrik-Systeme ORS18 & NRS11input: *cmY0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

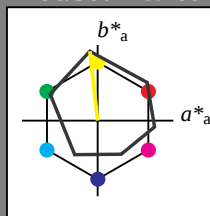
Eingabe: Farbmimetrisches Reflexions-System ORS18

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

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

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

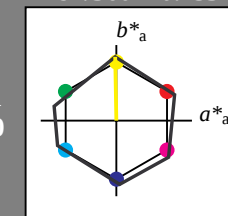
Ausgabe: Farbmimetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 91/360 = 0.253$

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 53 84 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



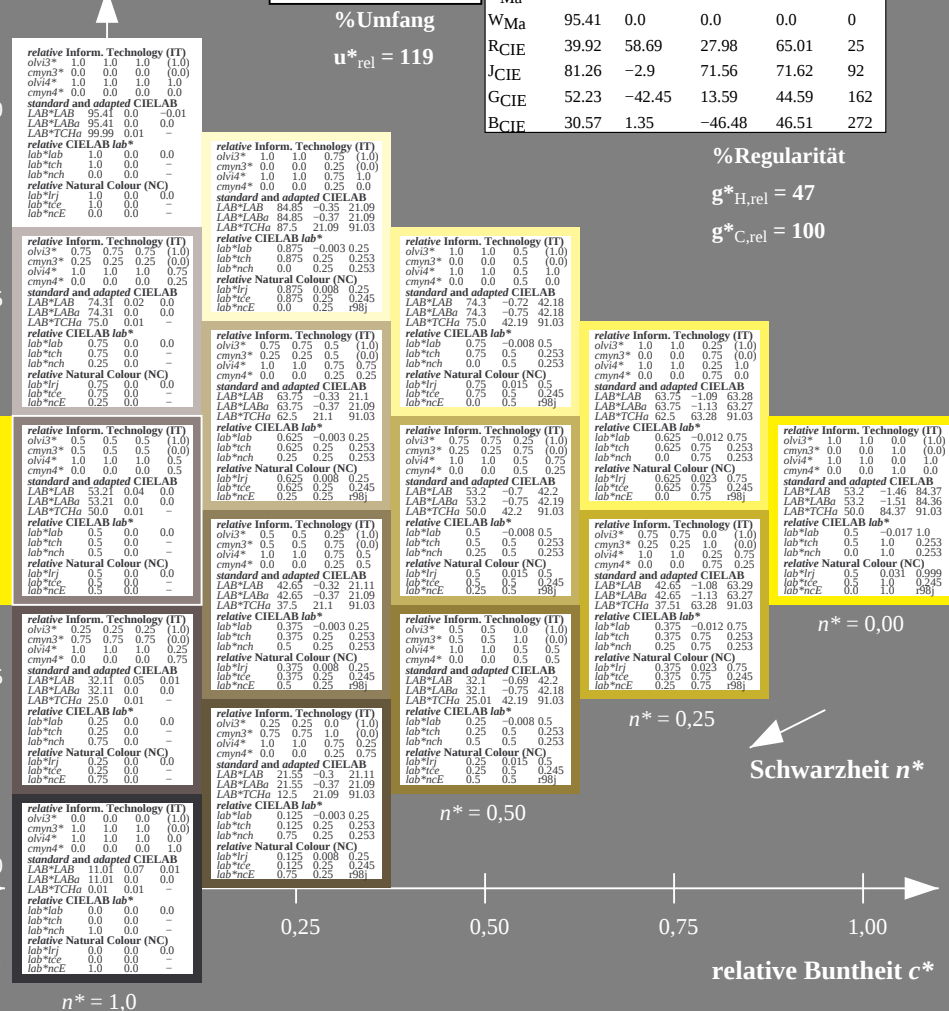
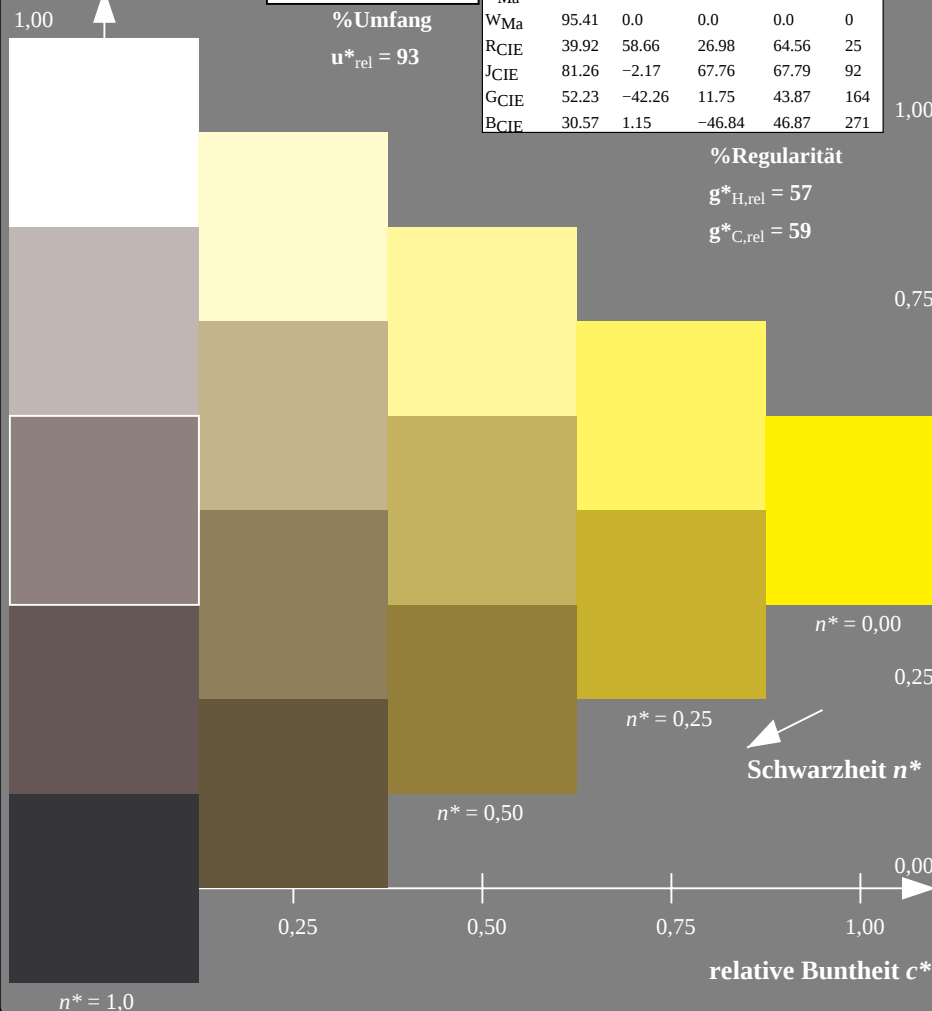
NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$



UG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.253 (rechts)

BAM-Prüfvorlage UG42; Farbmimetrik-Systeme ORS18 & NRS11input: *cmY0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

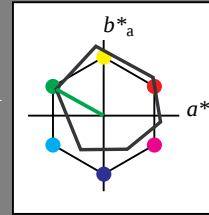
Eingabe: Farbmimetrisches Reflexions-System ORS18

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)	relative Inform. Technology (IT)
$olvi3^* 1.0 1.0 1.0 (1.0)$	$olvi3^* 0.75 1.0 0.75 (1.0)$
$cmyn3^* 0.0 0.0 0.0 (0.0)$	$cmyn3^* 0.25 0.0 0.25 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.75 1.0 0.75 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.25 0.0 0.25 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 95.41 0.0 -0.01$	$LAB^*LAB 84.85 -20.53 4.74$
$LAB^*TCha 95.41 0.0 0.0$	$LAB^*TCha 84.85 -20.53 4.74$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 1.0 0.0 0.0$	$lab^*lab 0.75 0.25 0.464$
$lab^*tch 1.0 0.0 0.0$	$lab^*tch 0.75 0.25 0.464$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 1.0 0.0 0.0$	$lab^*trj 0.75 0.25 0.464$
$lab^*tce 1.0 0.0 0.0$	$lab^*tce 0.75 0.25 0.464$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.75 0.75 0.75 (1.0)$	$olvi3^* 0.5 1.0 0.5 (1.0)$
$cmyn3^* 0.25 0.25 0.25 (0.0)$	$cmyn3^* 0.5 0.0 0.5 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 74.31 0.0 0.0$	$LAB^*LAB 74.3 -41.1 9.49$
$LAB^*TCha 74.31 0.0 0.0$	$LAB^*TCha 74.3 -41.1 9.49$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.75 0.0 0.0$	$lab^*lab 0.75 0.0 0.0$
$lab^*tch 0.75 0.0 0.0$	$lab^*tch 0.75 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.75 0.0 0.0$	$lab^*trj 0.75 0.0 0.0$
$lab^*tce 0.75 0.0 0.0$	$lab^*tce 0.75 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.5 0.5 0.5 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.25 0.25 0.25 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 53.21 0.0 0.0$	$LAB^*LAB 53.2 -41.19 9.5$
$LAB^*TCha 53.21 0.0 0.0$	$LAB^*TCha 53.2 -41.19 9.5$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.5 0.0 0.0$	$lab^*lab 0.5 0.0 0.0$
$lab^*tch 0.5 0.0 0.0$	$lab^*tch 0.5 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.5 0.0 0.0$	$lab^*trj 0.5 0.0 0.0$
$lab^*tce 0.5 0.0 0.0$	$lab^*tce 0.5 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 32.11 0.0 0.0$	$LAB^*LAB 32.1 -41.12 9.49$
$LAB^*TCha 32.11 0.0 0.0$	$LAB^*TCha 32.1 -41.12 9.49$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.25 0.0 0.0$	$lab^*lab 0.25 0.0 0.0$
$lab^*tch 0.25 0.0 0.0$	$lab^*tch 0.25 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.25 0.0 0.0$	$lab^*trj 0.25 0.0 0.0$
$lab^*tce 0.25 0.0 0.0$	$lab^*tce 0.25 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 21.11 0.0 0.0$	$LAB^*LAB 21.1 -41.12 9.49$
$LAB^*TCha 21.11 0.0 0.0$	$LAB^*TCha 21.1 -41.12 9.49$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.25 0.0 0.0$	$lab^*lab 0.25 0.0 0.0$
$lab^*tch 0.25 0.0 0.0$	$lab^*tch 0.25 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.25 0.0 0.0$	$lab^*trj 0.25 0.0 0.0$
$lab^*tce 0.25 0.0 0.0$	$lab^*tce 0.25 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 11.01 0.0 0.0$	$LAB^*LAB 11.01 0.0 0.0$
$LAB^*TCha 11.01 0.0 0.0$	$LAB^*TCha 11.01 0.0 0.0$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$	$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$	$lab^*tch 0.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$	$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$	$lab^*tce 0.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 0.0 0.0 0.0$	$LAB^*LAB 0.0 0.0 0.0$
$LAB^*TCha 0.0 0.0 0.0$	$LAB^*TCha 0.0 0.0 0.0$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$	$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$	$lab^*tch 0.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$	$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$	$lab^*tce 0.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 0.0 0.0 0.0$	$LAB^*LAB 0.0 0.0 0.0$
$LAB^*TCha 0.0 0.0 0.0$	$LAB^*TCha 0.0 0.0 0.0$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$	$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$	$lab^*tch 0.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$	$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$	$lab^*tce 0.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 0.0 0.0 0.0$	$LAB^*LAB 0.0 0.0 0.0$
$LAB^*TCha 0.0 0.0 0.0$	$LAB^*TCha 0.0 0.0 0.0$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$	$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$	$lab^*tch 0.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$	$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$	$lab^*tce 0.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 0.0 0.0 0.0$	$LAB^*LAB 0.0 0.0 0.0$
$LAB^*TCha 0.0 0.0 0.0$	$LAB^*TCha 0.0 0.0 0.0$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$	$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$	$lab^*tch 0.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$	$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$	$lab^*tce 0.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 0.0 0.0 0.0$	$LAB^*LAB 0.0 0.0 0.0$
$LAB^*TCha 0.0 0.0 0.0$	$LAB^*TCha 0.0 0.0 0.0$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$	$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$	$lab^*tch 0.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$	$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$	$lab^*tce 0.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)	relative Inform. Technology (IT)
$olvi3^* 0.25 0.25 0.25 (1.0)$	$olvi3^* 0.25 0.75 0.25 (1.0)$
$cmyn3^* 0.75 0.75 0.75 (0.0)$	$cmyn3^* 0.75 0.25 0.75 (0.0)$
$olvi4^* 1.0 1.0 1.0 (1.0)$	$olvi4^* 0.5 1.0 0.5 (1.0)$
$cmyn4^* 0.0 0.0 0.0 (0.0)$	$cmyn4^* 0.5 0.0 0.5 (0.0)$
standard and adapted CIELAB	standard and adapted CIELAB
$LAB^*LAB 0.0 0.0 0.0$	$LAB^*LAB 0.0 0.0 0.0$
$LAB^*TCha 0.0 0.0 0.0$	$LAB^*TCha 0.0 0.0 0.0$
relative CIELAB lab*	relative CIELAB lab*
$lab^*lab 0.0 0.0 0.0$	$lab^*lab 0.0 0.0 0.0$
$lab^*tch 0.0 0.0 0.0$	$lab^*tch 0.0 0.0 0.0$
$lab^*nch 0.0 0.0 0.0$	$lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)	relative Natural Colour (NC)
$lab^*trj 0.0 0.0 0.0$	$lab^*trj 0.0 0.0 0.0$
$lab^*tce 0.0 0.0 0.0$	$lab^*tce 0.0 0.0 0.0$
$lab^*nce 0.0 0.0 0.0$	$lab^*nce 0.0 0.0 0.0$

5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.464 (rechts)

UG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

BAM-Prüfvorlage UG42; Farbmimetrik-Systeme ORS18 & NRS11input: $cmY0^* setcmykcolor$

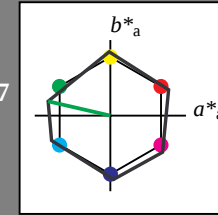
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

Ausgabe: Farbmimetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 167/360 = 0.464$
 lab^*tch und lab^*nch

D65: Buntton G
LCH*Ma: 53 84 167
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



Eingabe: Farbmimetrisches Reflexions-System ORS18

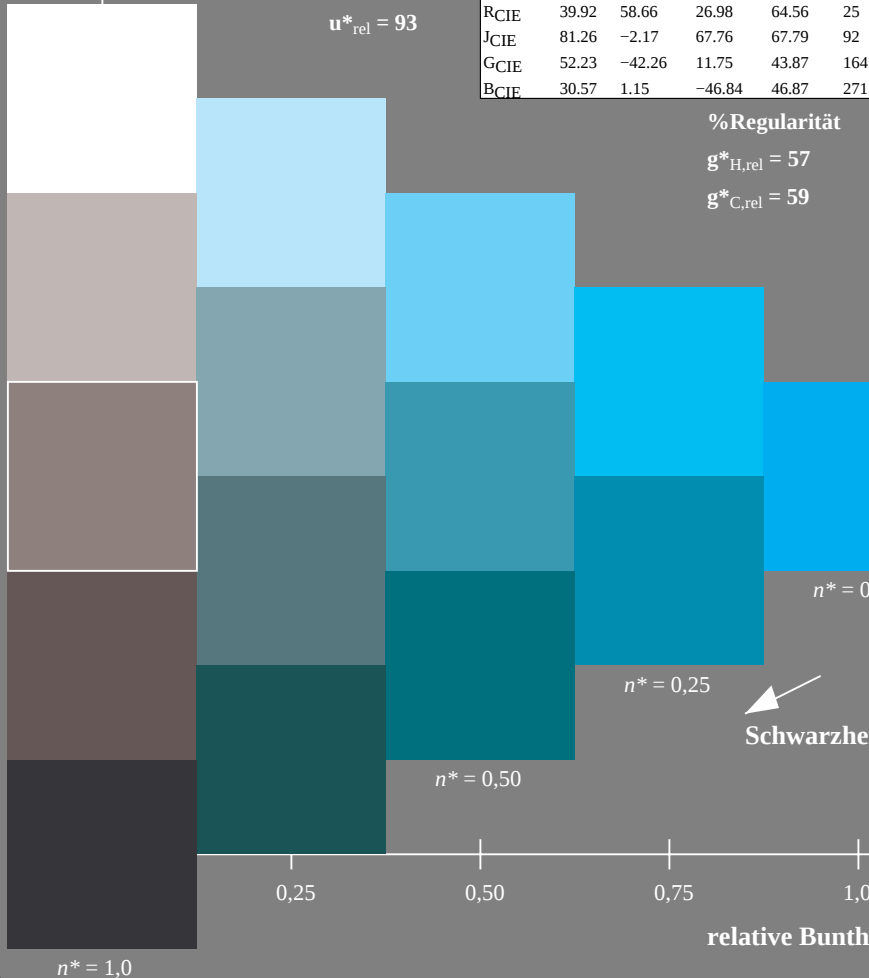
für Buntton $h^* = lab^*h = 236/360 = 0.656$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00



UG420-7, 5 stufige Reihen für konstanten CIE LAB Buntton 236/360 = 0.656 (links)

BAM-Prüfvorlage UG42; Farbmimetrik-Systeme ORS18 & NRS11input: *cmY0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

Ausgabe: Farbmimetrisches Reflexions-System NRS11

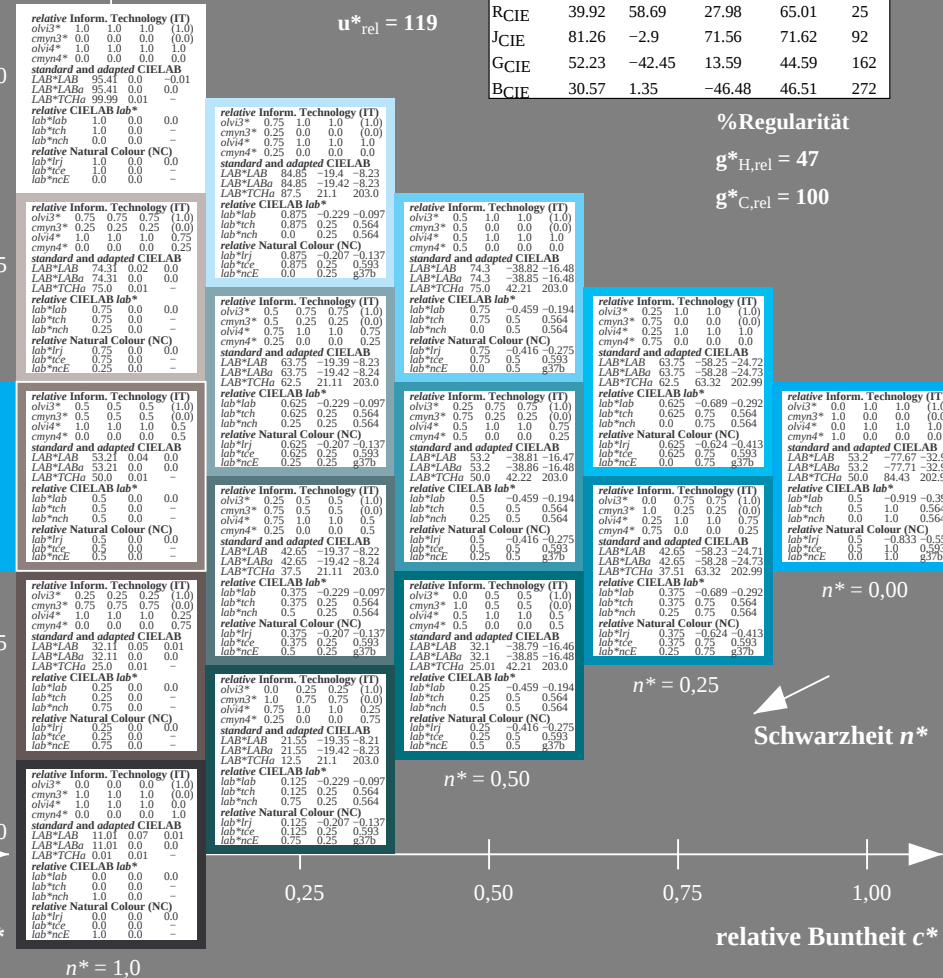
für Buntton $h^* = lab^*h = 203/360 = 0.564$

lab^*tch und lab^*nch

D65: Buntton G50B
LCH*Ma: 53 84 203
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit

1,00



5 stufige Reihen für konstanten CIE LAB Buntton 203/360 = 0.564 (rechts)

Eingabe: Farbmimetrisches 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

1,00

%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,00

$n^* = 0,50$

0,25

$n^* = 1,0$

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

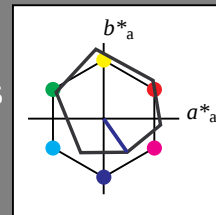
0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$



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

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,00

$n^* = 0,50$

0,25

$n^* = 1,0$

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

Ausgabe: Farbmimetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 273/360 = 0.758$
 lab^*tch und lab^*nch

D65: Buntton B
LCH*Ma: 53 84 273
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

1,00

%Umfang

$u^*_{rel} = 119$

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,00

$n^* = 0,50$

0,25

$n^* = 1,0$

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

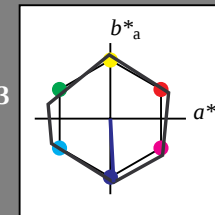
0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$



	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,00

$n^* = 0,50$

0,25

$n^* = 1,0$

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

0,25

0,50

0,75

1,00

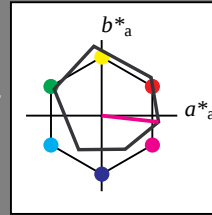
Eingabe: Farbmatisches Reflexions-System ORS18

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



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

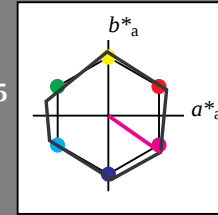
relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0
olvi9*	0.0	0.0	0.0	0.0	0.0
olvi10*	0.0	0.0	0.0	0.0	0.0
olvi11*	0.0	0.0	0.0	0.0	0.0
olvi12*	0.0	0.0	0.0	0.0	0.0
olvi13*	0.0	0.0	0.0	0.0	0.0
olvi14*	0.0	0.0	0.0	0.0	0.0
olvi15*	0.0	0.0	0.0	0.0	0.0
olvi16*	0.0	0.0	0.0	0.0	0.0
olvi17*	0.0	0.0	0.0	0.0	0.0
olvi18*	0.0	0.0	0.0	0.0	0.0
olvi19*	0.0	0.0	0.0	0.0	0.0
olvi20*	0.0	0.0	0.0	0.0	0.0
olvi21*	0.0	0.0	0.0	0.0	0.0
olvi22*	0.0	0.0	0.0	0.0	0.0
olvi23*	0.0	0.0	0.0	0.0	0.0
olvi24*	0.0	0.0	0.0	0.0	0.0
olvi25*	0.0	0.0	0.0	0.0	0.0
olvi26*	0.0	0.0	0.0	0.0	0.0
olvi27*	0.0	0.0	0.0	0.0	0.0
olvi28*	0.0	0.0	0.0	0.0	0.0
olvi29*	0.0	0.0	0.0	0.0	0.0
olvi30*	0.0	0.0	0.0	0.0	0.0
olvi31*	0.0	0.0	0.0	0.0	0.0
olvi32*	0.0	0.0	0.0	0.0	0.0
olvi33*	0.0	0.0	0.0	0.0	0.0
olvi34*	0.0	0.0	0.0	0.0	0.0
olvi35*	0.0	0.0	0.0	0.0	0.0
olvi36*	0.0	0.0	0.0	0.0	0.0
olvi37*	0.0	0.0	0.0	0.0	0.0
olvi38*	0.0	0.0	0.0	0.0	0.0
olvi39*	0.0	0.0	0.0	0.0	0.0
olvi40*	0.0	0.0	0.0	0.0	0.0
olvi41*	0.0	0.0	0.0	0.0	0.0
olvi42*	0.0	0.0	0.0	0.0	0.0
olvi43*	0.0	0.0	0.0	0.0	0.0
olvi44*	0.0	0.0	0.0	0.0	0.0
olvi45*	0.0	0.0	0.0	0.0	0.0
olvi46*	0.0	0.0	0.0	0.0	0.0
olvi47*	0.0	0.0	0.0	0.0	0.0
olvi48*	0.0	0.0	0.0	0.0	0.0
olvi49*	0.0	0.0	0.0	0.0	0.0
olvi50*	0.0	0.0	0.0	0.0	0.0
olvi51*	0.0	0.0	0.0	0.0	0.0
olvi52*	0.0	0.0	0.0	0.0	0.0
olvi53*	0.0	0.0	0.0	0.0	0.0
olvi54*	0.0	0.0	0.0	0.0	0.0
olvi55*	0.0	0.0	0.0	0.0	0.0
olvi56*	0.0	0.0	0.0	0.0	0.0
olvi57*	0.0	0.0	0.0	0.0	0.0
olvi58*	0.0	0.0	0.0	0.0	0.0
olvi59*	0.0	0.0	0.0	0.0	0.0
olvi60*	0.0	0.0	0.0	0.0	0.0
olvi61*	0.0	0.0	0.0	0.0	0.0
olvi62*	0.0	0.0	0.0	0.0	0.0
olvi63*	0.0	0.0	0.0	0.0	0.0
olvi64*	0.0	0.0	0.0	0.0	0.0
olvi65*	0.0	0.0	0.0	0.0	0.0
olvi66*	0.0	0.0	0.0	0.0	0.0
olvi67*	0.0	0.0	0.0	0.0	0.0
olvi68*	0.0	0.0	0.0	0.0	0.0
olvi69*	0.0	0.0	0.0	0.0	0.0
olvi70*	0.0	0.0	0.0	0.0	0.0
olvi71*	0.0	0.0	0.0	0.0	0.0
olvi72*	0.0	0.0	0.0	0.0	0.0
olvi73*	0.0	0.0	0.0	0.0	0.0
olvi74*	0.0	0.0	0.0	0.0	0.0
olvi75*	0.0	0.0	0.0	0.0	0.0
olvi76*	0.0	0.0	0.0	0.0	0.0
olvi77*	0.0	0.0	0.0	0.0	0.0
olvi78*	0.0	0.0	0.0	0.0	0.0
olvi79*	0.0	0.0	0.0	0.0	0.0
olvi80*	0.0	0.0	0.0	0.0	0.0
olvi81*	0.0	0.0	0.0	0.0	0.0
olvi82*	0.0	0.0	0.0	0.0	0.0
olvi83*	0.0	0.0	0.0	0.0	0.0
olvi84*	0.0	0.0	0.0	0.0	0.0
olvi85*	0.0	0.0	0.0	0.0	0.0
olvi86*	0.0	0.0	0.0	0.0	0.0
olvi87*	0.0	0.0	0.0	0.0	0.0
olvi88*	0.0	0.0	0.0	0.0	0.0
olvi89*	0.0	0.0	0.0	0.0	0.0
olvi90*	0.0	0.0	0.0	0.0	0.0
olvi91*	0.0	0.0	0.0	0.0	0.0
olvi92*	0.0	0.0	0.0	0.0	0.0
olvi93*	0.0	0.0	0.0	0.0	0.0
olvi94*	0.0	0.0	0.0	0.0	0.0
olvi95*	0.0	0.0	0.0	0.0	0.0
olvi96*	0.0	0.0	0.0	0.0	0.0
olvi97*	0.0	0.0	0.0	0.0	0.0
olvi98*	0.0	0.0	0.0	0.0	0.0
olvi99*	0.0	0.0	0.0	0.0	0.0
olvi100*	0.0	0.0	0.0	0.0	0.0

Ausgabe: Farbmatisches Reflexions-System NRS11

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

D65: Buntton B50R
LCH*Ma: 53 84 325
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



% Umfang

$u^*_{rel} = 119$

NRS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

1,00

relative CIELAB lab*			
lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	-
lab*nch	0.0	0.0	-
relative Natural Colour (NC)			
lab*lrj	1.0	0.0	0.0
lab*lrc	1.0	0.0	0.0
lab*nrc	0.0	0.0	-
relative Inform. Technology (IT)			
olvi3*	0.75	0.75	1.0
olvi3*	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0
olvi4*	0.0	0.0	0.25
standard and adapted CIELAB			
LAB*LAB	74.31	0.02	0.0
LAB*LAB	74.31	0.0	0.0

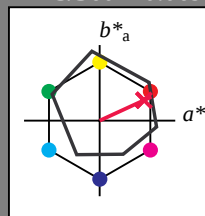
Eingabe: Farbmatisches Reflexions-System ORS18

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

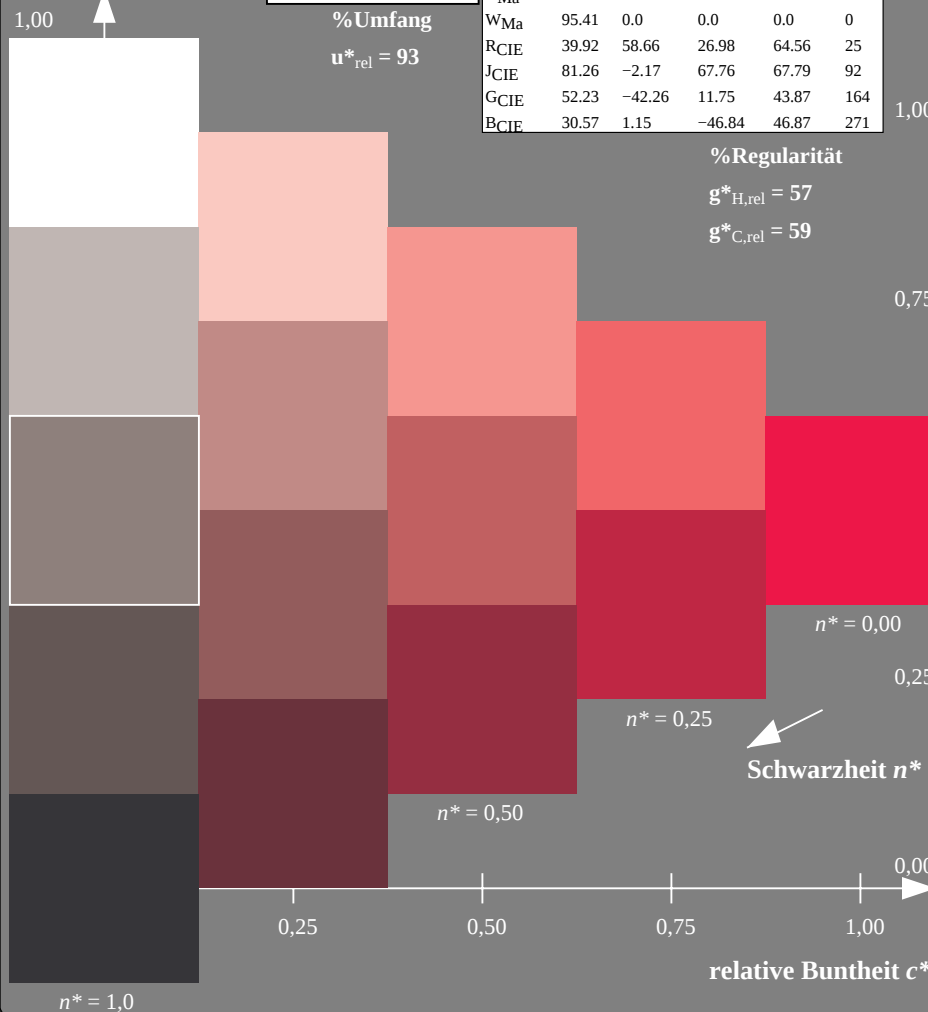


ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	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

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

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



UG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage UG42; Farbmatrik-Systeme ORS18 & NRS11input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

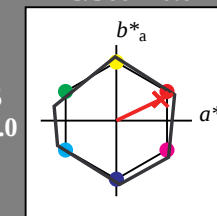
Ausgabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 25/360 = 0.071$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 53 83 25
rgb*Ma: 1.0 0.03 0.0

Dreiecks-Helligkeit

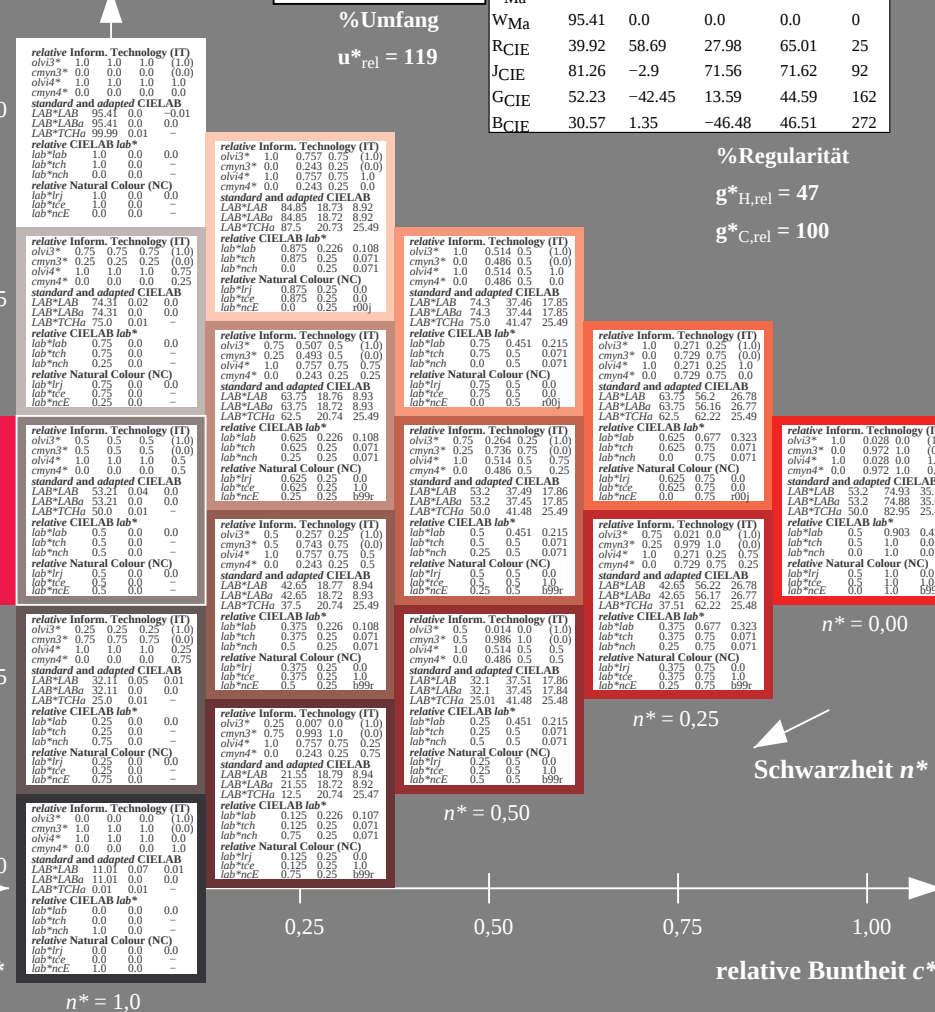


NRS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$



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

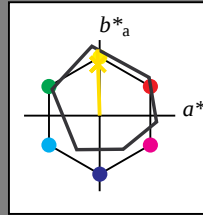
Eingabe: Farbmatisches Reflexions-System ORS18

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



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^*

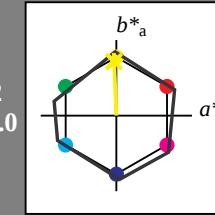
Ausgabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 92/360 = 0.256$

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 53 83 92
rgb*Ma: 0.98 1.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 119$

NRS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

UG420-7, 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 UG42; Farbmatrik-Systeme ORS18 & NRS11input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

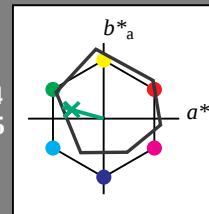
Eingabe: Farbmatisches Reflexions-System ORS18

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

1,00



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	0.0	-0.01		
LAB*Lab	95.41	0.0	0.0		
LAB*TCh	99.99	0.01			
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*nch	1.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
lab*nch	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	74.31	0.02	0.0		
LAB*Lab	74.31	0.0	0.0		
LAB*TCh	75.0	0.01			
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*nch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		
lab*nch	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	53.21	0.04	0.0		
LAB*Lab	53.21	0.0	0.0		
LAB*TCh	50.0	0.01			
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		
lab*trj	0.5	0.0	0.0		
relative Natural Colour (NC)					
lab*nch	0.5	0.0	0.0		
lab*nch	0.5	0.0	0.0		
lab*nch	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	32.11	0.05	0.0		
LAB*Lab	32.11	0.0	0.0		
LAB*TCh	25.0	0.01			
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*nch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		
lab*nch	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	11.01	0.07	0.0		
LAB*Lab	11.01	0.0	0.0		
LAB*TCh	0.0	0.01			
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*nch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		

$n^* = 1.0$

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

BAM-Prüfvorlage UG42; Farbmatrik-Systeme ORS18 & NRS11input: $cmY0^* set cmykcolor$

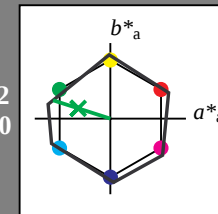
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

Ausgabe: Farbmatisches Reflexions-System NRS11

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

D65: Buntton G
LCH*Ma: 53 80 162
rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit



NRS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50B _{Ma}	53.2	-77.72	-32.98	84.44	203
B _{Ma}	53.2	4.37	-84.28	84.41	273
B50R _{Ma}	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$

1,00

relative Inform. Technology (IT)					
olvi3*	0.77	1.0	0.75	(1.0)	
cmyn3*	0.23	0.0	0.25	(0.0)	
olvi4*	0.77	1.0	0.75	(1.0)	
cmyn4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	84.85	-18.91	6.06		
LAB*Lab	84.85	-18.92	6.06		
LAB*TCh	87.5	19.88	162.25		
relative CIELAB lab*					
lab*lab	0.77	1.0	0.75		
lab*tch	0.77	1.0	0.75		
lab*nch	0.0	0.0	0.0		
lab*trj	0.77	1.0	0.75		
relative Natural Colour (NC)					
lab*nch	0.77	1.0	0.75		
lab*nch	0.77	1.0	0.75		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.54	1.0	0.5	(1.0)	
cmyn3*	0.46	0.0	0.5	(0.0)	
olvi4*	0.54	1.0	0.5	(1.0)	
cmyn4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	74.3	-37.84	12.13		
LAB*Lab	74.3	-37.87	12.12		
LAB*TCh	75.0	39.77	162.25		
relative CIELAB lab*					
lab*lab	0.54	1.0	0.5		
lab*tch	0.54	1.0	0.5		
lab*nch	0.0	0.0	0.0		
lab*trj	0.54	1.0	0.5		
relative Natural Colour (NC)					
lab*nch	0.54	1.0	0.5		
lab*nch	0.54	1.0	0.5		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.29	0.75	0.25	(1.0)	
cmyn3*	0.71	0.25	0.75	(0.0)	
olvi4*	0.54	1.0	0.5	(1.0)	
cmyn4*	0.46	0.0	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	53.2	-37.83	12.13		
LAB*Lab	53.2	-37.87	12.12		
LAB*TCh	50.0	39.78	162.25		
relative CIELAB lab*					
lab*lab	0.29	0.75	0.25		
lab*tch	0.29	0.75	0.25		
lab*nch	0.71	0.25	0.75		
lab*trj	0.29	0.75	0.25		
relative Natural Colour (NC)					
lab*nch	0.29	0.75	0.25		
lab*nch	0.71	0.25	0.75		
lab*nch	0.71	0.25	0.75		

relative Inform. Technology (IT)					
olvi3*	0.08	0.75	0.0	(1.0)	
cmyn3*	0.92	0.25	0.75	(0.0)	
olvi4*	0.31	1.0	0.25	(1.0)	
cmyn4*	0.689	0.0	0.75	(0.0)	
standard and adapted CIELAB					
LAB*LAB	32.1	-56.77	18.19		
LAB*Lab	32.1	-56.82	18.18		
LAB*TCh	37.51	59.66	162.26		
relative CIELAB lab*					
lab*lab	0.08	0.75	0.0		
lab*tch	0.08	0.75	0.0		
lab*nch	0.92	0.25	0.75		
lab*trj	0.08	0.75	0.0		
relative Natural Colour (NC)					
lab*nch	0.08	0.75	0.0		
lab*nch	0.92	0.25	0.75		
lab*nch	0.92	0.25	0.75		

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	11.01	0.07	0.0		
LAB*Lab	11.01	0.0	0.0		
LAB*TCh	0.0	0.01			
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*nch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		

$n^* = 0.00$

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

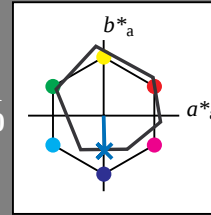
Eingabe: Farbmimetrisches Reflexions-System ORS18

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

1,00



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	(1.0)
cmyn3*	0.0	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	0.0	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	0.0	-0.01	-	-
LAB*LABa	95.41	0.0	0.0	-	-
LAB*LABb	95.41	0.0	0.0	-	-
LAB*LABc	95.41	0.0	0.0	-	-
LAB*LABd	95.41	0.0	0.0	-	-
LAB*LABe	95.41	0.0	0.0	-	-
LAB*LABf	95.41	0.0	0.0	-	-
LAB*LABg	95.41	0.0	0.0	-	-
LAB*LABh	95.41	0.0	0.0	-	-
LAB*LABi	95.41	0.0	0.0	-	-
LAB*LABj	95.41	0.0	0.0	-	-
LAB*LABk	95.41	0.0	0.0	-	-
LAB*LABl	95.41	0.0	0.0	-	-
LAB*LABm	95.41	0.0	0.0	-	-
LAB*LABn	95.41	0.0	0.0	-	-
LAB*LABo	95.41	0.0	0.0	-	-
LAB*LABp	95.41	0.0	0.0	-	-
LAB*LABq	95.41	0.0	0.0	-	-
LAB*LABr	95.41	0.0	0.0	-	-
LAB*LABs	95.41	0.0	0.0	-	-
LAB*LABt	95.41	0.0	0.0	-	-
LAB*LABu	95.41	0.0	0.0	-	-
LAB*LABv	95.41	0.0	0.0	-	-
LAB*LABw	95.41	0.0	0.0	-	-
LAB*LABx	95.41	0.0	0.0	-	-
LAB*LABy	95.41	0.0	0.0	-	-
LAB*LABz	95.41	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	0.0	0.0	0.0	0.0	(0.0)
LAB*LAB	74.31	0.02	0.0	-	-
LAB*LABa	74.31	0.0	0.0	-	-
LAB*LABb	74.31	0.0	0.0	-	-
LAB*LABc	74.31	0.0	0.0	-	-
LAB*LABd	74.31	0.0	0.0	-	-
LAB*LABe	74.31	0.0	0.0	-	-
LAB*LABf	74.31	0.0	0.0	-	-
LAB*LABg	74.31	0.0	0.0	-	-
LAB*LABh	74.31	0.0	0.0	-	-
LAB*LABi	74.31	0.0	0.0	-	-
LAB*LABj	74.31	0.0	0.0	-	-
LAB*LABk	74.31	0.0	0.0	-	-
LAB*LABl	74.31	0.0	0.0	-	-
LAB*LABm	74.31	0.0	0.0	-	-
LAB*LABn	74.31	0.0	0.0	-	-
LAB*LABo	74.31	0.0	0.0	-	-
LAB*LABp	74.31	0.0	0.0	-	-
LAB*LABq	74.31	0.0	0.0	-	-
LAB*LABr	74.31	0.0	0.0	-	-
LAB*LABs	74.31	0.0	0.0	-	-
LAB*LABt	74.31	0.0	0.0	-	-
LAB*LABu	74.31	0.0	0.0	-	-
LAB*LABv	74.31	0.0	0.0	-	-
LAB*LABw	74.31	0.0	0.0	-	-
LAB*LABx	74.31	0.0	0.0	-	-
LAB*LABy	74.31	0.0	0.0	-	-
LAB*LABz	74.31	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	0.0	0.0	0.0	0.0	(0.0)
LAB*LAB	53.21	0.04	0.0	-	-
LAB*LABa	53.21	0.0	0.0	-	-
LAB*LABb	53.21	0.0	0.0	-	-
LAB*LABc	53.21	0.0	0.0	-	-
LAB*LABd	53.21	0.0	0.0	-	-
LAB*LABe	53.21	0.0	0.0	-	-
LAB*LABf	53.21	0.0	0.0	-	-
LAB*LABg	53.21	0.0	0.0	-	-
LAB*LABh	53.21	0.0	0.0	-	-
LAB*LABi	53.21	0.0	0.0	-	-
LAB*LABj	53.21	0.0	0.0	-	-
LAB*LABk	53.21	0.0	0.0	-	-
LAB*LABl	53.21	0.0	0.0	-	-
LAB*LABm	53.21	0.0	0.0	-	-
LAB*LABn	53.21	0.0	0.0	-	-
LAB*LABo	53.21	0.0	0.0	-	-
LAB*LABp	53.21	0.0	0.0	-	-
LAB*LABq	53.21	0.0	0.0	-	-
LAB*LABr	53.21	0.0	0.0	-	-
LAB*LABs	53.21	0.0	0.0	-	-
LAB*LABt	53.21	0.0	0.0	-	-
LAB*LABu	53.21	0.0	0.0	-	-
LAB*LABv	53.21	0.0	0.0	-	-
LAB*LABw	53.21	0.0	0.0	-	-
LAB*LABx	53.21	0.0	0.0	-	-
LAB*LABy	53.21	0.0	0.0	-	-
LAB*LABz	53.21	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	0.0	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.05	0.01	-	-
LAB*LABa	32.11	0.0	0.0	-	-
LAB*LABb	32.11	0.0	0.0	-	-
LAB*LABc	32.11	0.0	0.0	-	-
LAB*LABd	32.11	0.0	0.0	-	-
LAB*LABe	32.11	0.0	0.0	-	-
LAB*LABf	32.11	0.0	0.0	-	-
LAB*LABg	32.11	0.0	0.0	-	-
LAB*LABh	32.11	0.0	0.0	-	-
LAB*LABi	32.11	0.0	0.0	-	-
LAB*LABj	32.11	0.0	0.0	-	-
LAB*LABk	32.11	0.0	0.0	-	-
LAB*LABl	32.11	0.0	0.0	-	-
LAB*LABm	32.11	0.0	0.0	-	-
LAB*LABn	32.11	0.0	0.0	-	-
LAB*LABo	32.11	0.0	0.0	-	-
LAB*LABp	32.11	0.0	0.0	-	-
LAB*LABq	32.11	0.0	0.0	-	-
LAB*LABr	32.11	0.0	0.0	-	-
LAB*LABs	32.11	0.0	0.0	-	-
LAB*LABt	32.11	0.0	0.0	-	-
LAB*LABu	32.11	0.0	0.0	-	-
LAB*LABv	32.11	0.0	0.0	-	-
LAB*LABw	32.11	0.0	0.0	-	-
LAB*LABx	32.11	0.0	0.0	-	-
LAB*LABy	32.11	0.0	0.0	-	-
LAB*LABz	32.11	0.0	0.0	-	-

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	0.0	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.07	0.01	-	-
LAB*LABa	11.01	0.0	0.0	-	-
LAB*LABb	11.01	0.0	0.0	-	-
LAB*LABc	11.01	0.0	0.0	-	-
LAB*LABd	11.01	0.0	0.0	-	-
LAB*LABe	11.01	0.0	0.0	-	-
LAB*LABf	11.01	0.0	0.0	-	-
LAB*LABg	11.01	0.0	0.0	-	-
LAB*LABh	11.01	0.0	0.0	-	-
LAB*LABi	11.01	0.0	0.0	-	-
LAB*LABj	11.01	0.0	0.0	-	-
LAB*LABk	11.01	0.0	0.0	-	-
LAB*LABl	11.01	0.0	0.0	-	-
LAB*LABm	11.01	0.0	0.0	-	-
LAB*LABn	11.01	0.0	0.0	-	-
LAB*LABo	11.01	0.0	0.0	-	-
LAB*LABp	11.01	0.0	0.0	-	-
LAB*LABq	11.01	0.0	0.0	-	-
LAB*LABr	11.01	0.0	0.0	-	-
LAB*LABs	11.01	0.0	0.0	-	-
LAB*LABt	11.01	0.0	0.0	-	-
LAB*LABu	11.01	0.0	0.0	-	-
LAB*LABv	11.01	0.0	0.0	-	-
LAB*LABw	11.01	0.0	0.0	-	-
LAB*LABx	11.01	0.0	0.0	-	-
LAB*LABy	11.01	0.0	0.0	-	-
LAB*LABz	11.01	0.0	0.0	-	-

$n^* = 1.0$

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

BAM-Prüfvorlage UG42; Farbmimetrik-Systeme ORS18 & NRS11input: $cmY0^* setcmykcolor$
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

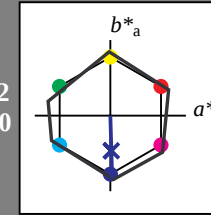
Ausgabe: Farbmimetrisches Reflexions-System NRS11

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

D65: Buntton B
LCH*Ma: 53 83 272
rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 119$

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	0.0	0.0	0.0	0.0	(0.0)
LAB*LAB	84.85	0.62	-20.75	-	-
LAB*LABa	84.85	0.6	-20.75	-	-
LAB*LABb	84.85	0.6	-20.75	-	-
LAB*LABc	84.85	0.6	-20.75	-	-
LAB*LABd	84.85	0.6	-20.75	-	-
LAB*LABe	84.85	0.6	-20.75	-	-
LAB*LABf	84.85	0.6	-20.75	-	-
LAB*LABg	84.85	0.6	-20.75	-	-
LAB*LABh	84.85	0.6	-20.75	-	-
LAB*LABi	84.85	0.6	-20.75	-	-
LAB*LABj	84.85	0.6	-20.75	-	-
LAB*LABk	84.85	0.6	-20.75	-	-
LAB*LABl	84.85	0.6	-20.75	-	-
LAB*LABm	84.85	0.6	-20.75	-	-
LAB*LABn	84.85	0.6	-20.75	-	-
LAB*LABo	84.85	0.6	-20.75	-	-
LAB*LABp	84.85	0.6	-20.75	-	-
LAB*LABq	84.85	0.6	-20.75	-	-
LAB*LABr	84.85	0.6	-20.75	-	-
LAB*LABs	84.85	0.6	-20.75	-	-
LAB*LABt	84.85	0.6	-20.75	-	-
LAB*LABu	84.85	0.6	-20.75	-	-
LAB*LABv	84.85	0.6	-20.75	-	-
LAB*LABw	84.85	0.6	-20.75	-	-
LAB*LABx	84.85	0.6	-20.75	-	-
LAB*LABy	84.85	0.6	-20.75	-	-
LAB*LABz	84.85	0.6	-20.75	-	-

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