

Eingabe: Farbmatisches Reflexions-System MRS18

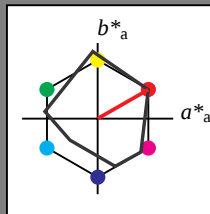
für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Ausgabe: Farbmatisches Reflexions-System MRS18

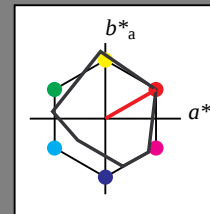
für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

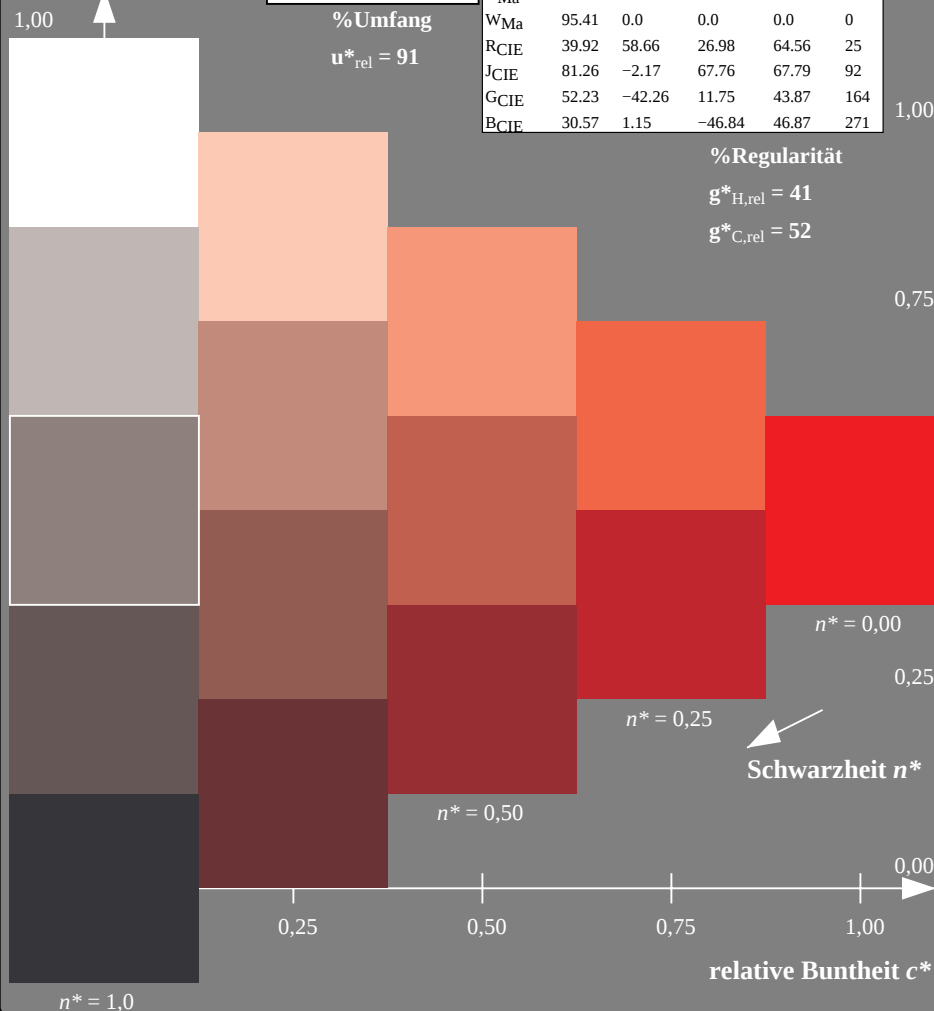
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit

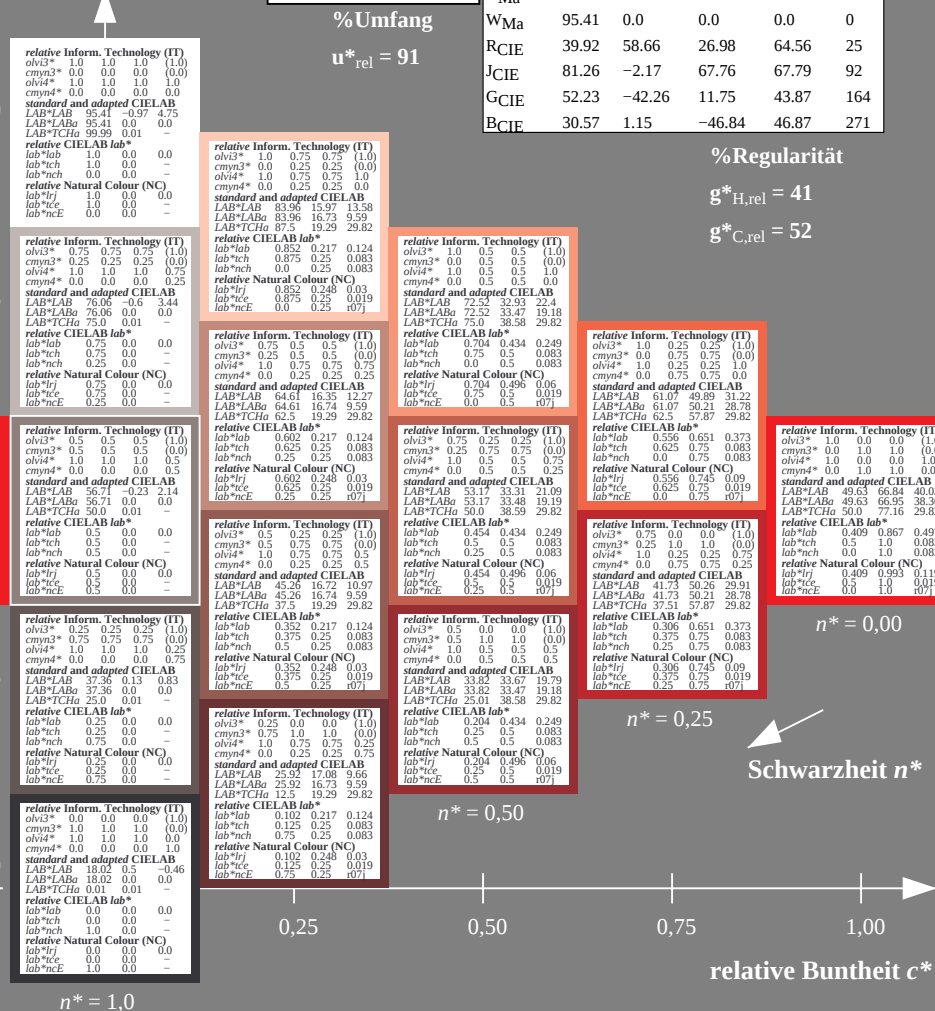


MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$ 

UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

BAM-Prüfvorlage UG44; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

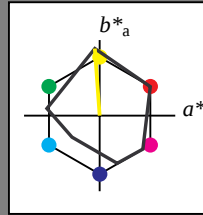
5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (rechts)

Eingabe: Farbmatisches 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

1,00



MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

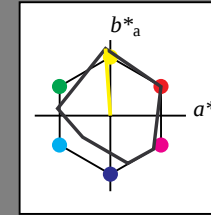
1,00

Ausgabe: Farbmatisches 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

1,00

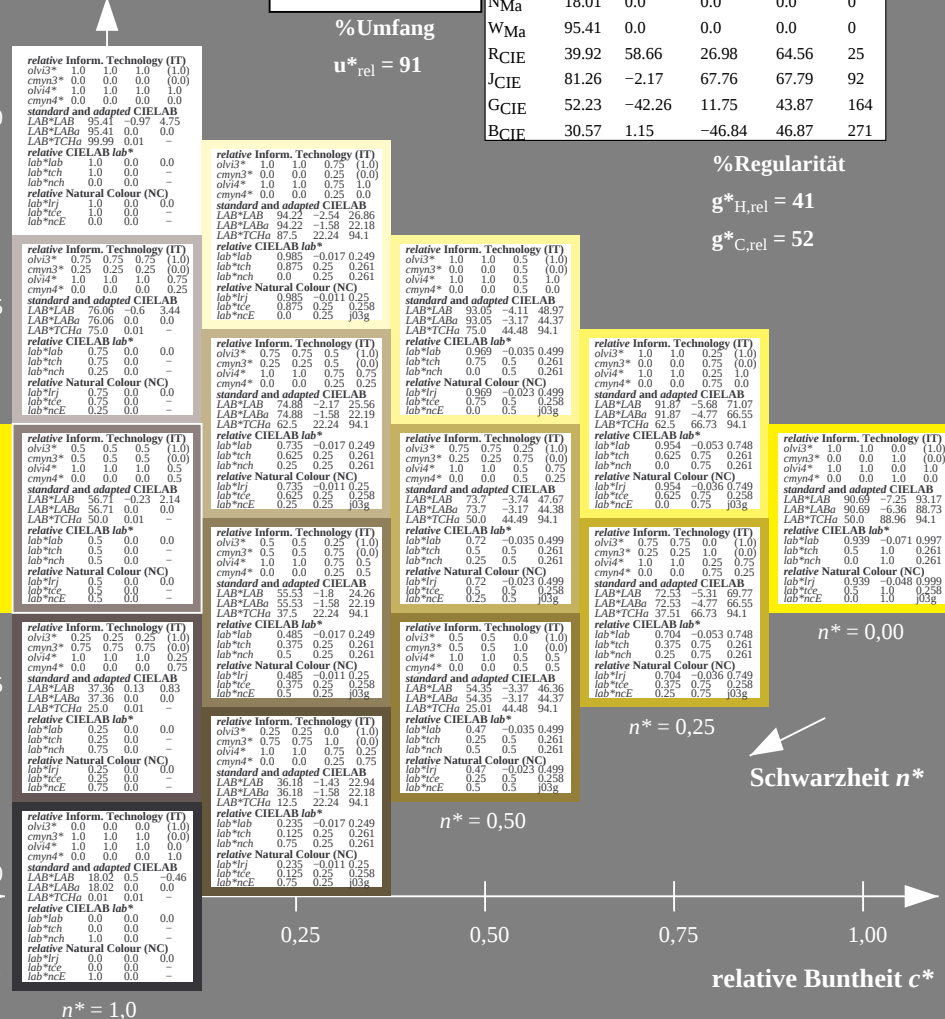
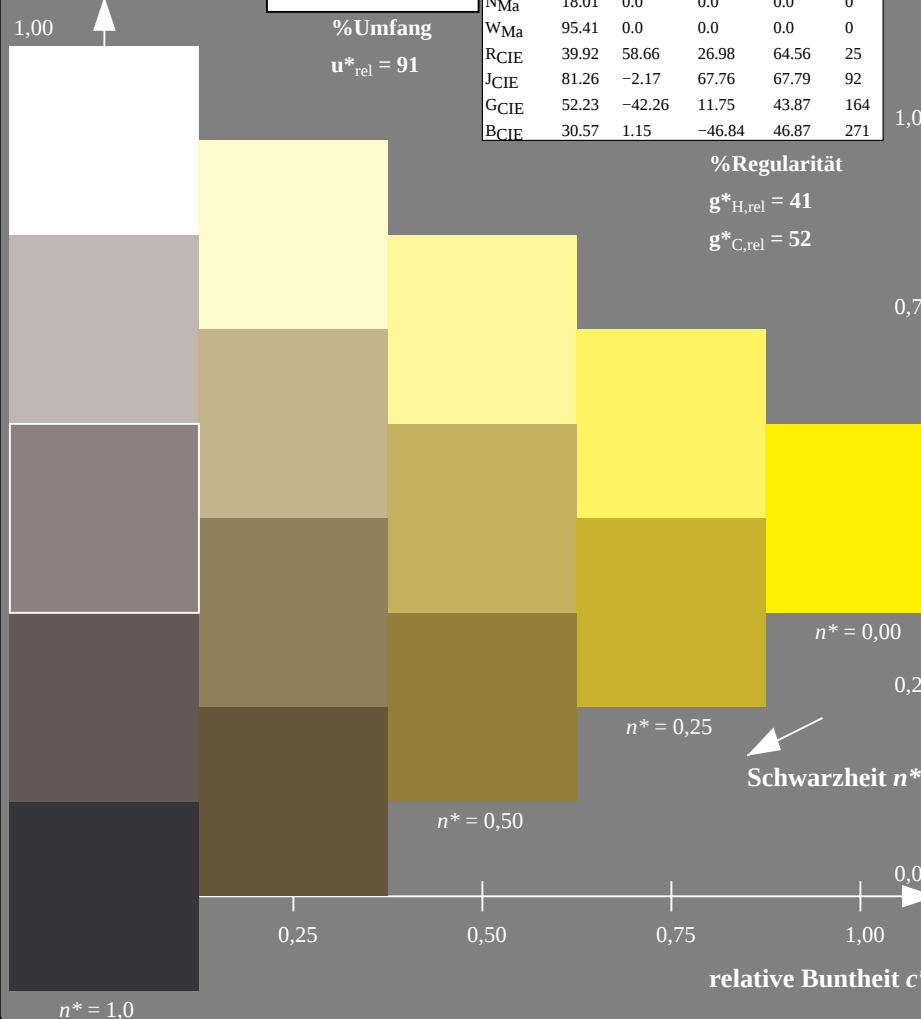


MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00



UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (links)

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

BAM-Prüfvorlage UG44; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18

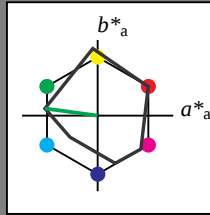
für Buntton $h^* = lab^*h = 172/360 = 0.479$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 52 70 172

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 91$

1,00

0,75

0,50

0,25

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

0,75

0,50

0,25

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

Ausgabe: Farbmatisches Reflexions-System MRS18

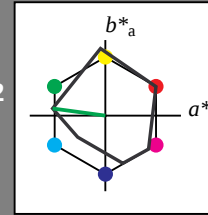
für Buntton $h^* = lab^*h = 172/360 = 0.479$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 52 70 172

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 91$

1,00

0,75

0,50

0,25

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

0,75

0,50

0,25

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

0,00

relative Inform. Technology (IT)

 $olvi3^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olvi4^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

standard and adapted CIELAB

 $LAB^*LAB = 95.41 \ -0.97 \ 4.75$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$

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)

 $lab^*trj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ 0.0$
 $lab^*nce = 0.0 \ 0.0 \ 0.0$

standard and adapted CIELAB

 $LAB^*LAB = 95.41 \ -0.97 \ 4.75$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$

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)

 $lab^*trj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ 0.0$
 $lab^*nce = 0.0 \ 0.0 \ 0.0$

standard and adapted CIELAB

 $LAB^*LAB = 95.41 \ -0.97 \ 4.75$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$

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)

 $lab^*trj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ 0.0$
 $lab^*nce = 0.0 \ 0.0 \ 0.0$

standard and adapted CIELAB

 $LAB^*LAB = 95.41 \ -0.97 \ 4.75$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$
 $LAB^*TChA = 95.41 \ 0.0 \ 0.0$

relative Inform. Technology (IT)

 $olvi3^* = 0.75 \ 1.0 \ 0.75 \ (1.0)$
 $cmyn3^* = 0.25 \ 0.0 \ 0.25 \ (0.0)$
 $olvi4^* = 0.75 \ 1.0 \ 0.75 \ (1.0)$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

standard and adapted CIELAB

 $LAB^*LAB = 84.58 \ -18.19 \ 6.39$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$

relative CIELAB lab*

 $lab^*lab = 0.86 \ -0.247 \ 0.034$
 $lab^*tch = 0.875 \ 0.25 \ 0.479$
 $lab^*nch = 0.0 \ 0.25 \ 0.479$

relative Natural Colour (NC)

 $lab^*trj = 0.86 \ -0.247 \ -0.028$
 $lab^*tce = 0.875 \ 0.25 \ 0.518$
 $lab^*nce = 0.0 \ 0.25 \ 0.676$

standard and adapted CIELAB

 $LAB^*LAB = 84.58 \ -18.19 \ 6.39$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$

relative CIELAB lab*

 $lab^*lab = 0.86 \ -0.247 \ 0.034$
 $lab^*tch = 0.875 \ 0.25 \ 0.479$
 $lab^*nch = 0.0 \ 0.25 \ 0.479$

relative Natural Colour (NC)

 $lab^*trj = 0.86 \ -0.247 \ -0.028$
 $lab^*tce = 0.875 \ 0.25 \ 0.518$
 $lab^*nce = 0.0 \ 0.25 \ 0.676$

standard and adapted CIELAB

 $LAB^*LAB = 84.58 \ -18.19 \ 6.39$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$

relative CIELAB lab*

 $lab^*lab = 0.86 \ -0.247 \ 0.034$
 $lab^*tch = 0.875 \ 0.25 \ 0.479$
 $lab^*nch = 0.0 \ 0.25 \ 0.479$

relative Natural Colour (NC)

 $lab^*trj = 0.86 \ -0.247 \ -0.028$
 $lab^*tce = 0.875 \ 0.25 \ 0.518$
 $lab^*nce = 0.0 \ 0.25 \ 0.676$

standard and adapted CIELAB

 $LAB^*LAB = 84.58 \ -18.19 \ 6.39$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$
 $LAB^*TChA = 84.58 \ -17.42 \ 2.36$

relative Inform. Technology (IT)

 $olvi3^* = 0.5 \ 1.0 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 0.0 \ 0.5 \ (0.0)$
 $olvi4^* = 0.5 \ 1.0 \ 0.5 \ (1.0)$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

standard and adapted CIELAB

 $LAB^*LAB = 73.75 \ -35.42 \ 8.02$
 $LAB^*TChA = 73.75 \ -34.85 \ 4.72$
 $LAB^*TChA = 73.75 \ -34.85 \ 4.72$

relative CIELAB lab*

 $lab^*lab = 0.72 \ -0.494 \ 0.067$
 $lab^*tch = 0.75 \ 0.5 \ 0.479$
 $lab^*nch = 0.0 \ 0.5 \ 0.479$

relative Natural Colour (NC)

 $lab^*trj = 0.72 \ -0.496 \ -0.056$
 $lab^*tce = 0.75 \ 0.5 \ 0.518$
 $lab^*nce = 0.0 \ 0.5 \ 0.676$

standard and adapted CIELAB

 $LAB^*LAB = 73.75 \ -35.42 \ 8.02$
 $LAB^*TChA = 73.75 \ -34.85 \ 4.72$
 $LAB^*TChA = 73.75 \ -34.85 \ 4.72$

relative CIELAB lab*

 $lab^*lab = 0.72 \ -0.494 \ 0.067$
 $lab^*tch = 0.75 \ 0.5 \ 0.479$
 $lab^*nch = 0.0 \ 0.5 \ 0.479$

relative Natural Colour (NC)

 $lab^*trj = 0.72 \ -0.496 \ -0.056$
 $lab^*tce = 0.75 \ 0.5 \ 0.518$
 $lab^*nce = 0.0 \ 0.5 \ 0.676$

standard and adapted CIELAB

 $LAB^*LAB = 73.75 \ -35.42 \ 8.02$
 $LAB^*TChA = 73.75 \ -34.85 \ 4.72$
 $LAB^*TChA = 73.75 \ -34.85 \ 4.72$

relative CIELAB lab*

 $lab^*lab = 0.72 \ -0.494 \ 0.067$
 $lab^*tch = 0.75 \ 0.5 \ 0.479$
 $lab^*nch = 0.0 \ 0.5 \ 0.479$

relative Natural Colour (NC)

 $lab^*trj = 0.72 \ -0.496 \ -0.056$
 $lab^*tce = 0.75 \ 0.5 \ 0.518$
 $lab^*nce = 0.0 \ 0.5 \ 0.676$

standard and adapted CIELAB

 $$

Eingabe: Farbmatisches Reflexions-System MRS18

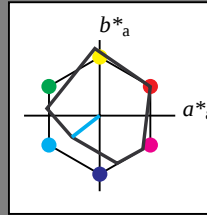
für Buntton $h^* = lab^*h = 218/360 = 0.605$ lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 218

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

0,25

0,00

0,25

0,50

0,00

0,25

0,50

0,75

1,00

relative Buntheit c^*

UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (links)

BAM-Prüfvorlage UG44; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependent*

Ausgabe: Farbmatisches Reflexions-System MRS18

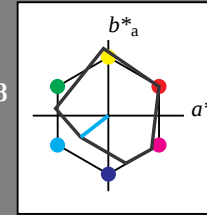
für Buntton $h^* = lab^*h = 218/360 = 0.605$ lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 218

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

0,25

0,00

0,25

0,50

0,00

0,25

0,50

0,75

1,00

relative Buntheit c^*

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

Eingabe: Farbmatisches Reflexions-System MRS18

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

D65: Buntton B

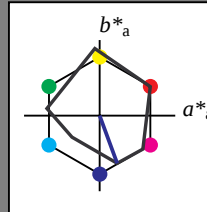
LCH*Ma: 37 67 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

1,00

%Umfang

 $u^*_{rel} = 91$ 

MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

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					
LAB*LAB	95.41	-0.97	4.75	15.75	15.75
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*LABb	95.41	0.0	0.0	0.0	0.0
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	1.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	1.0	0.0	0.0	0.0	0.0
lab*tce	1.0	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	1.0	1.0
cmyn3*	0.25	0.25	0.25	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.75	0.75
standard and adapted CIELAB					
LAB*LAB	76.06	-0.6	3.44	15.75	15.75
LAB*LABa	76.06	0.0	0.0	0.0	0.0
LAB*LABb	76.06	0.0	0.0	0.0	0.0
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0	0.0	0.0
lab*tch	0.75	0.0	0.0	0.0	0.0
lab*nch	0.25	0.0	0.0	0.0	0.0
lab*trj	0.75	0.0	0.0	0.0	0.0
lab*tce	0.75	0.0	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	1.0	1.0
cmyn3*	0.5	0.5	0.5	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.5	0.5
standard and adapted CIELAB					
LAB*LAB	56.71	0.23	2.14	15.75	15.75
LAB*LABa	56.71	0.0	0.0	0.0	0.0
LAB*LABb	56.71	0.0	0.0	0.0	0.0
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0	0.0	0.0
lab*tch	0.5	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	0.5	0.0	0.0	0.0	0.0
lab*tce	0.5	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	1.0	1.0
cmyn3*	0.75	0.75	0.75	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.25	0.25
standard and adapted CIELAB					
LAB*LAB	42.02	5.84	-14.6	15.75	15.75
LAB*LABa	42.02	5.8	-15.75	0.0	0.0
LAB*LABb	42.02	5.8	-15.75	0.0	0.0
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0	0.0	0.0
lab*tch	0.25	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0	0.0	0.0
lab*tce	0.25	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	1.0	1.0
cmyn3*	1.0	1.0	1.0	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					
LAB*LAB	18.02	0.5	-0.46	15.75	15.75
LAB*LABa	18.02	0.0	0.0	0.0	0.0
LAB*LABb	18.02	0.0	0.0	0.0	0.0
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*tce	0.0	0.0	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0	0.0	0.0

 $n^* = 1,0$

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

BAM-Prüfvorlage UG44; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System MRS18

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

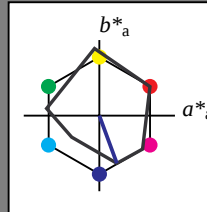
D65: Buntton B

LCH*Ma: 37 67 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

%Umfang

 $u^*_{rel} = 91$ 

MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	1.0	1.0
cmyn3*	0.25	0.25	0.25	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.75	0.75
standard and adapted CIELAB					
LAB*LAB	80.72	5.1	-11.98	15.75	15.75
LAB*LABa	80.72	5.79	-15.75	0.0	0.0
LAB*LABb	80.72	5.79	-15.75	0.0	0.0
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0	0.0	0.0
lab*tch	0.75	0.0	0.0	0.0	0.0
lab*nch	0.25	0.0	0.0	0.0	0.0
lab*trj	0.75	0.0	0.0	0.0	0.0
lab*tce	0.75	0.0	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	1.0	1.0
cmyn3*	0.5	0.5	0.5	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.5	0.5
standard and adapted CIELAB					
LAB*LAB	66.03	11.17	-28.74	15.75	15.75
LAB*LABa	66.03	11.59	-31.51	0.0	0.0
LAB*LABb	66.03	11.59	-31.51	0.0	0.0
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0	0.0	0.0
lab*tch	0.5	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	0.5	0.0	0.0	0.0	0.0
lab*tce	0.5	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	1.0	1.0
cmyn3*	0.75	0.75	0.75	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.25	0.25
standard and adapted CIELAB					
LAB*LAB	51.34	17.25	-45.49	15.75	15.75
LAB*LABa	51.34	17.39	-47.28	0.0	0.0
LAB*LABb	51.34	17.39	-47.28	0.0	0.0
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0	0.0	0.0
lab*tch	0.25	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	0.25	0.0	0.0	0.0	0.0
lab*tce	0.25	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	1.0	1.0
cmyn3*	1.0	1.0	1.0	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					
LAB*LAB	36.65	23.33	-62.24	15.75	15.75
LAB*LABa	36.65	23.18	-63.03	0.0	0.0
LAB*LABb	36.65	23.18	-63.03	0.0	0.0
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*tce	0.0	0.0	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	1.0	1.0
cmyn3*	1.0	1.0	1.0	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					
LAB*LAB	32.0	17.62	-46.8	15.75	15.75
LAB*LABa	32.0	17.39	-47.28	0.0	0.0
LAB*LABb	32.0	17.39	-47.28	0.0	0.0
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0	0.0	0.0

Eingabe: Farbmatisches Reflexions-System MRS18

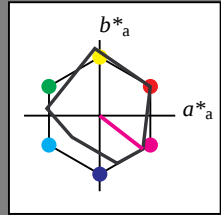
für Buntton $h^* = lab^*h = 322/360 = 0.895$ lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 35 72 322

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Reflexions-System MRS18

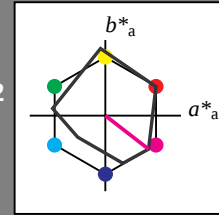
für Buntton $h^* = lab^*h = 322/360 = 0.895$ lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 35 72 322

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

 $n^* = 0,00$

0,25

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

UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 322/360 = 0.895 (links)

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

BAM-Prüfvorlage UG44; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18

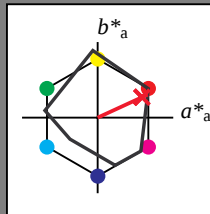
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ Schwarzheit n^* $n^* = 1,0$ relative Buntheit c^*

UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage UG44; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System MRS18

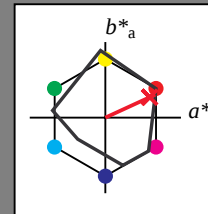
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

 $n^* = 0,00$

0,25

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

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

Eingabe: Farbmatisches Reflexions-System MRS18

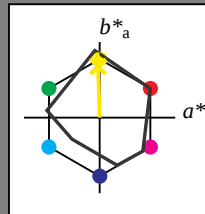
für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Reflexions-System MRS18

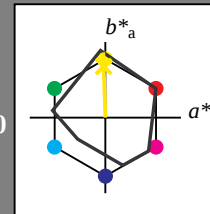
für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

0,75

 $n^* = 0,00$

0,25

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

UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

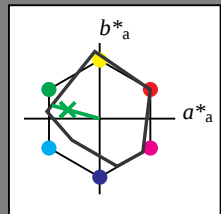
BAM-Prüfvorlage UG44; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches 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

1,00



% Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

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 -0.97 4.75
LAB*LABa	95.41 0.0 0.0
LAB*LABb	95.41 0.0 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 -0.6 3.44
LAB*LABa	76.06 0.0 0.0
LAB*LABb	76.06 0.0 0.0
relative CIELAB lab*	
lab*lab	0.75 0.0 0.0
lab*tch	0.75 0.0 0.0
lab*nch	0.0 0.0 0.0
relative Natural Colour (NC)	
lab*trj	0.75 0.0 0.0
lab*tce	0.75 0.0 0.0
lab*nce	0.0 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 -0.23 2.14
LAB*LABa	56.71 0.0 0.0
LAB*LABb	56.71 0.0 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 0.0
relative Natural Colour (NC)	
lab*trj	0.5 0.0 0.0
lab*tce	0.5 0.0 0.0
lab*nce	0.0 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 0.13 0.83
LAB*LABa	37.36 0.0 0.0
LAB*LABb	37.36 0.0 0.0
relative CIELAB lab*	
lab*lab	0.25 0.0 0.0
lab*tch	0.25 0.0 0.0
lab*nch	0.0 0.0 0.0
relative Natural Colour (NC)	
lab*trj	0.25 0.0 0.0
lab*tce	0.25 0.0 0.0
lab*nce	0.0 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 0.5 -0.46
LAB*LABa	18.02 0.0 0.0
LAB*LABb	18.02 0.0 0.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 0.0
lab*nch	0.0 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	0.0 0.0 0.0

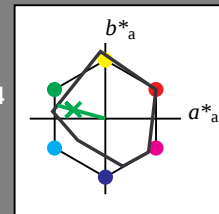
 $n^* = 1,0$

Ausgabe: Farbmatisches 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

1,00



% Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

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	85.57 -16.58 8.49
LAB*LABa	85.57 -15.79 4.4
LAB*LABb	85.57 -16.4 164.45
relative CIELAB lab*	
lab*lab	0.75 0.25 0.25
lab*tch	0.75 0.25 0.25
lab*nch	0.0 0.25 0.25
relative Natural Colour (NC)	
lab*trj	0.75 -0.249 0.0
lab*tce	0.75 0.25 0.5
lab*nce	0.0 0.25 0.5

relative Inform. Technology (IT)	
olvi3*	0.526 0.75 0.5 (1.0)
cmyn3*	0.474 0.25 0.5 (0.0)
olvi4*	0.776 1.0 0.75 0.75
cmyn4*	0.224 0.0 0.25 0.25
standard and adapted CIELAB	
LAB*LAB	66.22 -16.22 7.19
LAB*LABa	66.22 -15.8 4.4
LAB*LABb	66.22 -16.41 164.46
relative CIELAB lab*	
lab*lab	0.526 -0.24 0.067
lab*tch	0.526 0.25 0.457
lab*nch	0.25 0.25 0.457
relative Natural Colour (NC)	
lab*trj	0.526 -0.249 0.0
lab*tce	0.526 0.25 0.5
lab*nce	0.25 0.25 0.998

relative Inform. Technology (IT)	
olvi3*	0.276 0.5 0.5 (1.0)
cmyn3*	0.724 0.5 0.75 (0.0)
olvi4*	0.776 1.0 0.75 0.5
cmyn4*	0.224 0.0 0.25 0.5
standard and adapted CIELAB	
LAB*LAB	46.87 -15.85 5.88
LAB*LABa	46.87 -15.8 4.4
LAB*LABb	46.87 -16.41 164.46
relative CIELAB lab*	
lab*lab	0.276 -0.24 0.067
lab*tch	0.276 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*trj	0.276 -0.249 0.0
lab*tce	0.276 0.5 0.998
lab*nce	0.5 0.5 0.998

relative Inform. Technology (IT)	
olvi3*	0.031 0.5 0.0 (1.0)
cmyn3*	0.949 0.5 1.0 (0.0)
olvi4*	0.551 1.0 0.5 0.5
cmyn4*	0.449 0.0 0.5 0.5
standard and adapted CIELAB	
LAB*LAB	37.04 -31.47 9.66
LAB*LABa	37.04 -31.6 8.78
LAB*LABb	37.04 -32.81 164.47
relative CIELAB lab*	
lab*lab	0.246 -0.481 0.134
lab*tch	0.246 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*trj	0.246 -0.499 0.0
lab*tce	0.246 0.5 0.5
lab*nce	0.5 0.5 0.008

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	12.5 -15.8 4.39
LAB*LABa	12.5 -15.8 4.39
LAB*LABb	12.5 -16.4 164.49
relative CIELAB lab*	
lab*lab	0.123 -0.24 0.067
lab*tch	0.123 0.25 0.457
lab*nch	0.25 0.25 0.457
relative Natural Colour (NC)	
lab*trj	0.123 -0.249 0.0
lab*tce	0.123 0.25 0.5
lab*nce	0.25 0.25 0.008

 $n^* = 0,50$

relative Inform. Technology (IT)	
olvi3*	0.551 1.0 0.5 (1.0)
cmyn3*	0.449 0.0 0.5 (0.0)
olvi4*	0.551 1.0 0.5 1.0
cmyn4*	0.449 0.0 0.5 0.0
standard and adapted CIELAB	
LAB*LAB	75.74 -32.2 12.22
LAB*LABa	75.74 -31.6 8.79
LAB*LABb	75.74 -32.81 164.46
relative CIELAB lab*	
lab*lab	0.746 -0.481 0.134
lab*tch	0.746 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*trj	0.746 -0.499 0.0
lab*tce	0.746 0.5 0.5
lab*nce	0.5 0.5 0.998

relative Inform. Technology (IT)	
olvi3*	0.301 0.75 0.25 (1.0)
cmyn3*	0.699 0.25 0.75 (0.0)
olvi4*	0.551 1.0 0.5 0.75
cmyn4*	0.449 0.0 0.5 0.25
standard and adapted CIELAB	
LAB*LAB	56.39 -31.61 10.92
LAB*LABa	56.39 -31.61 8.79
LAB*LABb	56.39 -32.81 164.46
relative CIELAB lab*	
lab*lab	0.276 0.5 0.5 (1.0)
lab*tch	0.276 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*trj	0.276 -0.499 0.0
lab*tce	0.276 0.5 0.5
lab*nce	0.5 0.5 1.008

relative Inform. Technology (IT)	
olvi3*	0.031 0.5 0.0 (1.0)
cmyn3*	0.949 0.5 1.0 (0.0)
olvi4*	0.551 1.0 0.5 0.5
cmyn4*	0.449 0.0 0.5 0.5
standard and adapted CIELAB	
LAB*LAB	37.04 -31.47 9.66
LAB*LABa	37.04 -31.6 8.78
LAB*LABb	37.04 -32.81 164.47
relative CIELAB lab*	
lab*lab	0.246 -0.481 0.134
lab*tch	0.246 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*trj	0.246 -0.499 0.0
lab*tce	0.246 0.5 0.5
lab*nce	0.5 0.5 0.008

relative Inform. Technology (IT)	
olvi3*	0.031 0.5 0.0 (1.0)
cmyn3*	0.949 0.5 1.0 (0.0)
olvi4*	0.551 1.0 0.5 0.5
cmyn4*	0.449 0.0 0.5 0.5
standard and adapted CIELAB	
LAB*LAB	37.04 -31.47 9.66
LAB*LABa	37.04 -31.6 8.78
LAB*LABb	37.04 -32.81 164.47
relative CIELAB lab*	
lab*lab	0.246 -0.481 0.134
lab*tch	0.246 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*trj	0.246 -0.499 0.0
lab*tce	0.246 0.5 0.5
lab*nce	0.5 0.5 0.008

 $n^* = 0,25$ $n^* = 0,50$

relative Inform. Technology (IT)	
olvi3*	0.327 1.0 0.25 (1.0)
cmyn3*	0.673 0.0 0.75 (0.0)
olvi4*	0.327 1.0 0.25 1.0
cmyn4*	0.673 0.0 0.75 0.0
standard and adapted CIELAB	
LAB*LAB	65.9 -47.82 15.96
LAB*LABa	65.9 -47.41 13.19
LAB*LABb	65.9 -49.22 164.46
relative CIELAB lab*	
lab*lab	0.619 -0.721 0.201
lab*tch	0.619 0.75 0.457
lab*nch	0.0 0.75 0.457
relative Natural Colour (NC)	
lab*trj	0.619 -0.749 0.0
lab*tce	0.619 0.75 0.5
lab*nce	0.0 0.75 0.998

relative Inform. Technology (IT)	
olvi3*	0.077 0.75 0.0 (1.0)
cmyn3*	0.923 0.25 1.0 (0.0)
olvi4*	0.327 1.0 0.25 0.75
cmyn4*	0.673 0.0 0.75 0.25
standard and adapted CIELAB	
LAB*LAB	46.35 -47.46 14.64
LAB*LABa	46.35 -47.41 13.18
LAB*LABb	46.35 -49.22 164.47
relative CIELAB lab*	
lab*lab	0.369 -0.722 0.201
lab*tch	0.369 0.75 0.457
lab*nch	0.25 0.75 0.457
relative Natural Colour (NC)	
lab*trj	0.369 -0.749 0.0
lab*tce	0.369 0.75 0.5
lab*nce	0.25 0.75 0.008

relative Inform. Technology (IT)	
olvi3*	0.077 0.75 0.0 (1.0)
cmyn3*	0.923 0.25 1.0 (0.0)
olvi4*	0.327 1.0 0.25 0.75
cmyn4*	0.673 0.0 0.75 0.25
standard and adapted CIELAB	
LAB*LAB	46.35 -47.46 14.64
LAB*LABa	46.35 -47.41 13.18
LAB*LABb	46.35 -49.22 164.47
relative CIELAB lab*	
lab*lab	0.369 -0.722 0.201
lab*tch	0.369 0.75 0.457
lab*nch	0.25 0.75 0.457
relative Natural Colour (NC)	
lab*trj	0.369 -0.749 0.0
lab*tce	0.369 0.75 0.5
lab*nce	0.25 0.75 0.008

relative Inform. Technology (IT)	
olvi3*	0.031 0.5 0.0 (1.0)
cmyn3*	0.949 0.5 1.0 (0.0)
olvi4*	0.551 1.0 0.5 0.5
cmyn4*	0.449 0.0 0.5 0.5
standard and adapted CIELAB	
LAB*LAB	37.04 -31.47 9.66
LAB*LABa	37.04 -31.6 8.78

Eingabe: Farbmatisches Reflexions-System MRS18

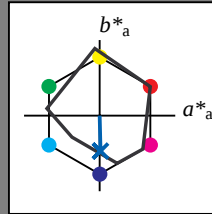
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit



1,00

% Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

Ausgabe: Farbmatisches Reflexions-System MRS18

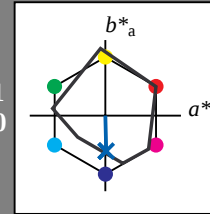
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit



% Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	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
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

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

relative Inform. Technology (IT)

 $cmyn3^* 1.0 1.0 1.0 (1.0)$
 $cmyn3^* 0.0 0.0 0.0 (0.0)$
 $olvi4^* 1.0 1.0 1.0 (1.0)$
 $cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCha 99.99 0.01 -

relative CIELAB lab*

 $lab^*lab 1.0 0.0 0.0$
 $lab^*tch 1.0 0.0 -$
 $lab^*nch 0.0 0.0 -$
relative Natural Colour (NC)
 $lab^*trj 1.0 0.0 -$
 $lab^*tce 1.0 0.0 -$
 $lab^*nce 0.0 0.0 -$

relative Inform. Technology (IT)

 $cmyn3^* 0.75 0.75 0.75 (1.0)$
 $cmyn3^* 0.25 0.25 0.25 (0.0)$
 $olvi4^* 1.0 1.0 1.0 (1.0)$
 $cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*TCha 75.0 0.01 -

relative CIELAB lab*

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

relative Inform. Technology (IT)

 $cmyn3^* 0.5 0.5 0.5 (1.0)$
 $cmyn3^* 0.5 0.5 0.5 (0.0)$
 $olvi4^* 1.0 1.0 1.0 (1.0)$
 $cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCha 50.0 0.01 -

relative CIELAB lab*

 $lab^*lab 0.5 0.0 0.0$
 $lab^*tch 0.5 0.0 -$
 $lab^*nch 0.0 0.0 0.5$
relative Natural Colour (NC)
 $lab^*trj 0.5 0.0 0.0$
 $lab^*tce 0.5 0.0 -$
 $lab^*nce 0.5 0.0 -$

relative Inform. Technology (IT)

 $cmyn3^* 0.25 0.25 0.25 (1.0)$
 $cmyn3^* 0.75 0.75 0.75 (0.0)$
 $olvi4^* 1.0 1.0 1.0 (1.0)$
 $cmyn4^* 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.83
LAB*LABa 37.36 0.0 0.0
LAB*TCha 25.0 0.01 -

relative CIELAB lab*

 $lab^*lab 0.25 0.0 0.0$
 $lab^*tch 0.25 0.0 -$
 $lab^*nch 0.75 0.0 0.5$
relative Natural Colour (NC)
 $lab^*trj 0.25 0.0 0.0$
 $lab^*tce 0.25 0.0 -$
 $lab^*nce 0.75 0.0 -$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.0 0.0 (1.0)$
 $cmyn3^* 1.0 1.0 1.0 (0.0)$
 $olvi4^* 1.0 1.0 1.0 (0.0)$
 $cmyn4^* 0.0 0.0 0.0 (1.0)$
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 -

relative CIELAB lab*

 $lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 -$
 $lab^*nch 1.0 0.0 0.0$
relative Natural Colour (NC)
 $lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 -$
 $lab^*nce 1.0 0.0 -$ $n^* = 1,0$

relative Inform. Technology (IT)

 $cmyn3^* 0.75 0.842 1.0 (1.0)$
 $cmyn3^* 0.25 0.158 0.0 (0.0)$
 $olvi4^* 0.75 0.842 1.0 1.0$
 $cmyn4^* 0.0 0.0 0.0 0.0$
standard and adapted CIELAB
LAB*LAB 81.49 -0.4 -8.75
LAB*LABa 81.49 0.31 12.57
LAB*TCha 87.5 12.59 271.39

relative CIELAB lab*

 $lab^*lab 0.82 0.006 -0.249$
 $lab^*tch 0.875 0.25 0.754$
 $lab^*nch 0.0 0.25 0.754$
 $lab^*trj 0.82 0.0 -0.249$
 $lab^*tce 0.875 0.25 0.754$
 $lab^*nce 0.0 0.25 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.5 0.592 0.75 (1.0)$
 $cmyn3^* 0.5 0.408 0.25 (0.0)$
 $olvi4^* 0.75 0.842 1.0 0.75$
 $cmyn4^* 0.0 0.0 0.0 0.75$
standard and adapted CIELAB
LAB*LAB 62.14 -0.02 -10.06
LAB*LABa 62.14 0.31 12.58
LAB*TCha 62.5 12.59 271.4

relative CIELAB lab*

 $lab^*lab 0.5 0.592 0.75 (1.0)$
 $lab^*tch 0.5 0.408 0.25 (0.0)$
 $lab^*nch 0.75 0.842 1.0 0.75$
 $lab^*trj 0.5 0.0 -0.249$
 $lab^*tce 0.5 0.25 0.754$
 $lab^*nce 0.5 0.25 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.25 0.342 0.5 (1.0)$
 $cmyn3^* 0.75 0.566 0.25 (0.0)$
 $olvi4^* 0.75 0.842 1.0 0.5$
 $cmyn4^* 0.0 0.0 0.0 0.5$
standard and adapted CIELAB
LAB*LAB 42.79 0.31 -12.58
LAB*LABa 42.79 0.31 -12.58
LAB*TCha 37.5 12.59 271.4

relative CIELAB lab*

 $lab^*lab 0.32 0.006 -0.249$
 $lab^*tch 0.375 0.25 0.754$
 $lab^*nch 0.5 0.25 0.754$
 $lab^*trj 0.32 0.0 -0.249$
 $lab^*tce 0.375 0.25 0.754$
 $lab^*nce 0.5 0.25 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.184 0.5 (1.0)$
 $cmyn3^* 1.0 0.816 0.5 (0.0)$
 $olvi4^* 0.5 0.816 1.0 0.5$
 $cmyn4^* 0.0 0.184 0.5 0.5$
standard and adapted CIELAB
LAB*LAB 28.87 0.52 0.249
LAB*LABa 28.87 0.62 -25.16
LAB*TCha 25.01 25.18 271.41

relative CIELAB lab*

 $lab^*lab 0.14 0.012 -0.499$
 $lab^*tch 0.25 0.5 0.754$
 $lab^*nch 0.5 0.5 0.754$
 $lab^*trj 0.14 0.0 -0.499$
 $lab^*tce 0.25 0.5 0.754$
 $lab^*nce 0.5 0.5 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.092 0.25 (1.0)$
 $cmyn3^* 1.0 0.908 0.75 (0.0)$
 $olvi4^* 0.842 1.0 0.754$
 $cmyn4^* 0.0 0.092 0.25 0.754$
standard and adapted CIELAB
LAB*LAB 23.44 0.31 12.58
LAB*LABa 23.44 0.31 12.58
LAB*TCha 12.5 12.59 271.42

relative CIELAB lab*

 $lab^*lab 0.07 0.006 -0.249$
 $lab^*tch 0.125 0.25 0.754$
 $lab^*nch 0.75 0.25 0.754$
 $lab^*trj 0.07 0.0 -0.249$
 $lab^*tce 0.125 0.25 0.754$
 $lab^*nce 0.75 0.25 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.5 0.684 1.0 (1.0)$
 $cmyn3^* 0.5 0.316 0.0 (0.0)$
 $olvi4^* 0.5 0.684 1.0 1.0$
 $cmyn4^* 0.5 0.316 0.0 0.0$
standard and adapted CIELAB
LAB*LAB 67.57 0.17 -22.28
LAB*LABa 67.57 0.61 25.16
LAB*TCha 75.0 25.18 271.4

relative CIELAB lab*

 $lab^*lab 0.64 0.012 -0.499$
 $lab^*tch 0.75 0.5 0.754$
 $lab^*nch 0.0 0.5 0.754$
 $lab^*trj 0.64 0.0 -0.499$
 $lab^*tce 0.75 0.5 0.754$
 $lab^*nce 0.0 0.5 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.25 0.434 0.75 (1.0)$
 $cmyn3^* 0.75 0.566 0.25 (0.0)$
 $olvi4^* 0.5 0.684 1.0 0.75$
 $cmyn4^* 0.5 0.316 0.0 0.25$
standard and adapted CIELAB
LAB*LAB 48.22 0.54 -23.59
LAB*LABa 48.22 0.62 -25.17
LAB*TCha 50.0 25.18 271.4

relative CIELAB lab*

 $lab^*lab 0.29 0.012 -0.499$
 $lab^*tch 0.5 0.5 0.754$
 $lab^*nch 0.5 0.5 0.754$
 $lab^*trj 0.29 0.0 -0.499$
 $lab^*tce 0.5 0.5 0.754$
 $lab^*nce 0.25 0.5 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.25 0.434 0.75 (1.0)$
 $cmyn3^* 0.75 0.566 0.25 (0.0)$
 $olvi4^* 0.5 0.684 1.0 0.75$
 $cmyn4^* 0.5 0.316 0.0 0.25$
standard and adapted CIELAB
LAB*LAB 48.22 0.54 -23.59
LAB*LABa 48.22 0.62 -25.17
LAB*TCha 50.0 25.18 271.4

relative CIELAB lab*

 $lab^*lab 0.29 0.012 -0.499$
 $lab^*tch 0.5 0.5 0.754$
 $lab^*nch 0.5 0.5 0.754$
 $lab^*trj 0.29 0.0 -0.499$
 $lab^*tce 0.5 0.5 0.754$
 $lab^*nce 0.25 0.5 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.184 0.5 (1.0)$
 $cmyn3^* 1.0 0.816 0.5 (0.0)$
 $olvi4^* 0.5 0.816 1.0 0.5$
 $cmyn4^* 0.0 0.184 0.5 0.5$
standard and adapted CIELAB
LAB*LAB 34.3 1.12 -37.12
LAB*LABa 34.3 0.93 -37.75
LAB*TCha 37.51 37.77 271.41

relative CIELAB lab*

 $lab^*lab 0.211 0.018 -0.749$
 $lab^*tch 0.375 0.75 0.754$
 $lab^*nch 0.5 0.75 0.754$
 $lab^*trj 0.211 0.0 -0.749$
 $lab^*tce 0.375 0.75 0.754$
 $lab^*nce 0.25 0.75 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.092 0.25 (1.0)$
 $cmyn3^* 1.0 0.908 0.75 (0.0)$
 $olvi4^* 0.842 1.0 0.754$
 $cmyn4^* 0.0 0.092 0.25 0.754$
standard and adapted CIELAB
LAB*LAB 23.44 0.31 12.58
LAB*LABa 23.44 0.31 12.58
LAB*TCha 12.5 12.59 271.42

relative CIELAB lab*

 $lab^*lab 0.07 0.006 -0.249$
 $lab^*tch 0.125 0.25 0.754$
 $lab^*nch 0.75 0.25 0.754$
 $lab^*trj 0.07 0.0 -0.249$
 $lab^*tce 0.125 0.25 0.754$
 $lab^*nce 0.75 0.25 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.25 0.526 1.0 (1.0)$
 $cmyn3^* 0.75 0.474 0.0 (0.0)$
 $olvi4^* 0.25 0.526 1.0 1.0$
 $cmyn4^* 0.75 0.474 0.0 0.0$
standard and adapted CIELAB
LAB*LAB 53.65 0.74 -35.81
LAB*LABa 53.65 0.92 -37.75
LAB*TCha 62.5 37.77 271.4

relative CIELAB lab*

 $lab^*lab 0.46 0.018 -0.749$
 $lab^*tch 0.625 0.75 0.754$
 $lab^*nch 0.0 0.75 0.754$
 $lab^*trj 0.46 0.0 -0.749$
 $lab^*tce 0.625 0.75 0.754$
 $lab^*nce 0.0 0.75 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.276 0.75 (1.0)$
 $cmyn3^* 1.0 0.724 0.25 (0.0)$
 $olvi4^* 0.25 0.526 1.0 0.75$
 $cmyn4^* 0.75 0.474 0.0 0.25$
standard and adapted CIELAB
LAB*LAB 39.73 1.32 -49.33
LAB*LABa 39.73 1.23 -50.34
LAB*TCha 50.0 50.36 271.41

relative CIELAB lab*

 $lab^*lab 0.281 0.025 -0.998$
 $lab^*tch 0.5 1.0 0.754$
 $lab^*nch 0.0 1.0 0.754$
 $lab^*trj 0.281 0.0 -0.998$
 $lab^*tce 0.5 1.0 0.754$
 $lab^*nce 0.0 1.0 0.754$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.092 0.25 (1.0)$
 $cmyn3^* 1.0 0.908 0.75 (0.0)$
 $olvi4^* 0.842 1.0 0.754$
 $cmyn4^* 0.0 0.092 0.25 0.754$
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 -

relative CIELAB lab*

 $lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 -$
 $lab^*nch 1.0 0.0 0.0$
relative Natural Colour (NC)
 $lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 -$
 $lab^*nce 1.0 0.0 -$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.092 0.25 (1.0)$
 $cmyn3^* 1.0 0.908 0.75 (0.0)$
 $olvi4^* 0.842 1.0 0.754$
 $cmyn4^* 0.0 0.092 0.25 0.754$
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 -

relative CIELAB lab*

 $lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 -$
 $lab^*nch 1.0 0.0 0.0$
relative Natural Colour (NC)
 $lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 -$
 $lab^*nce 1.0 0.0 -$

relative Inform. Technology (IT)

 $cmyn3^* 0.0 0.092 0.25 (1.0)$
 $cmyn3^* 1.0 0.908 0.75 (0.0)$
 $olvi4^* 0.842 1.0 0.754$
 $cmyn4^* 0.0 0.092 0.25 0.754$
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCha 0.01 0.01 -

relative CIELAB lab*

 $lab^*lab 0.0 0.$