

Eingabe: Farbmatisches Reflexions-System MRS18

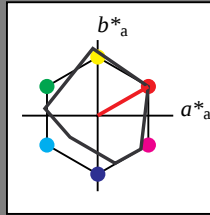
für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*tch und lab^*nch

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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

UG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System ORS18

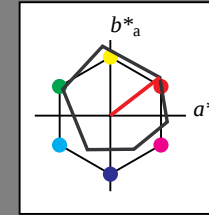
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

1,00

0,75

 $n^* = 0,00$

0,25

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

5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

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
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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

Eingabe: Farbmatisches Reflexions-System MRS18

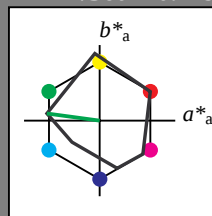
für Buntton $h^* = lab^*h = 172/360 = 0.479$ lab^*tch und lab^*nch

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

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

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

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

Ausgabe: Farbmatisches Reflexions-System ORS18

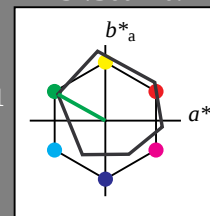
für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*tch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

1,00

0,75

0,50

0,25

0,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

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
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

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

UG45-7, 5 stufige Reihen für konstanten CIELAB Buntton 172/360 = 0.479 (links)

5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

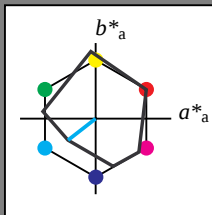
Eingabe: Farbmatisches Reflexions-System MRS18

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

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

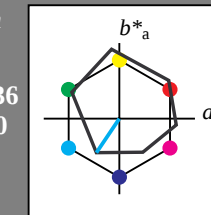
Ausgabe: Farbmatisches Reflexions-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



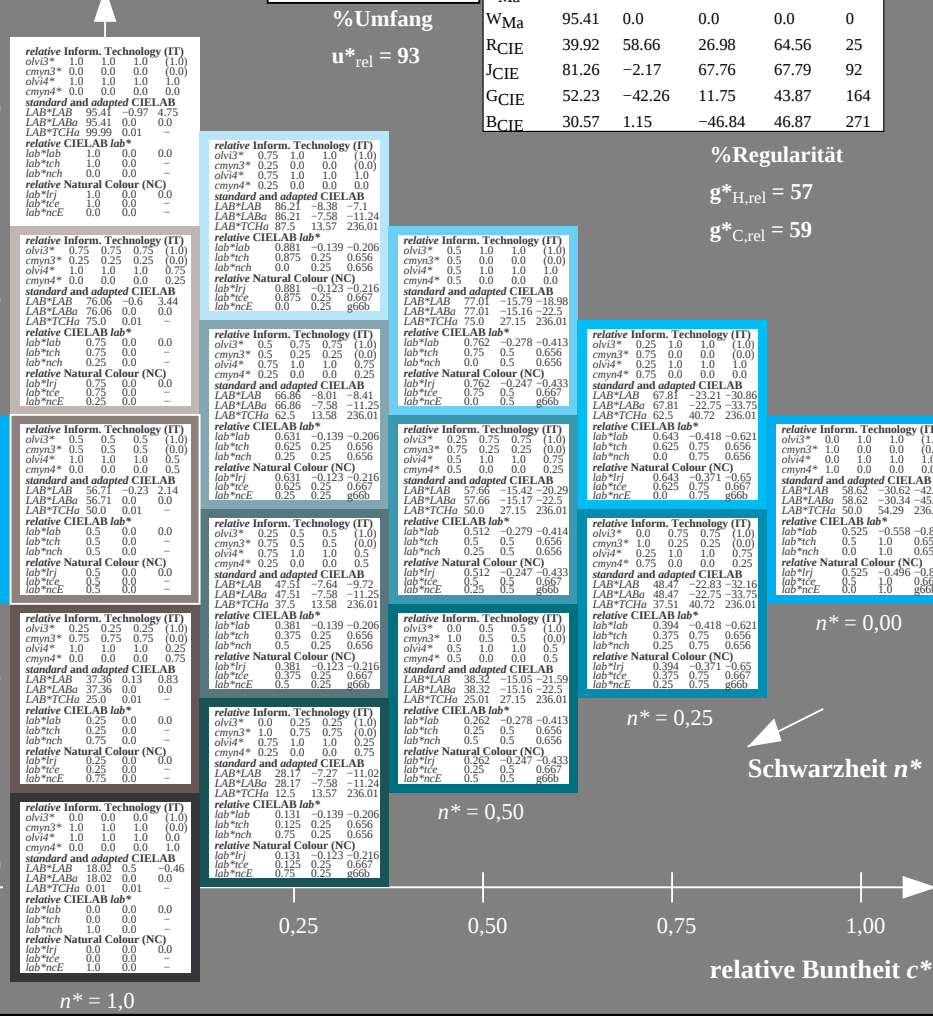
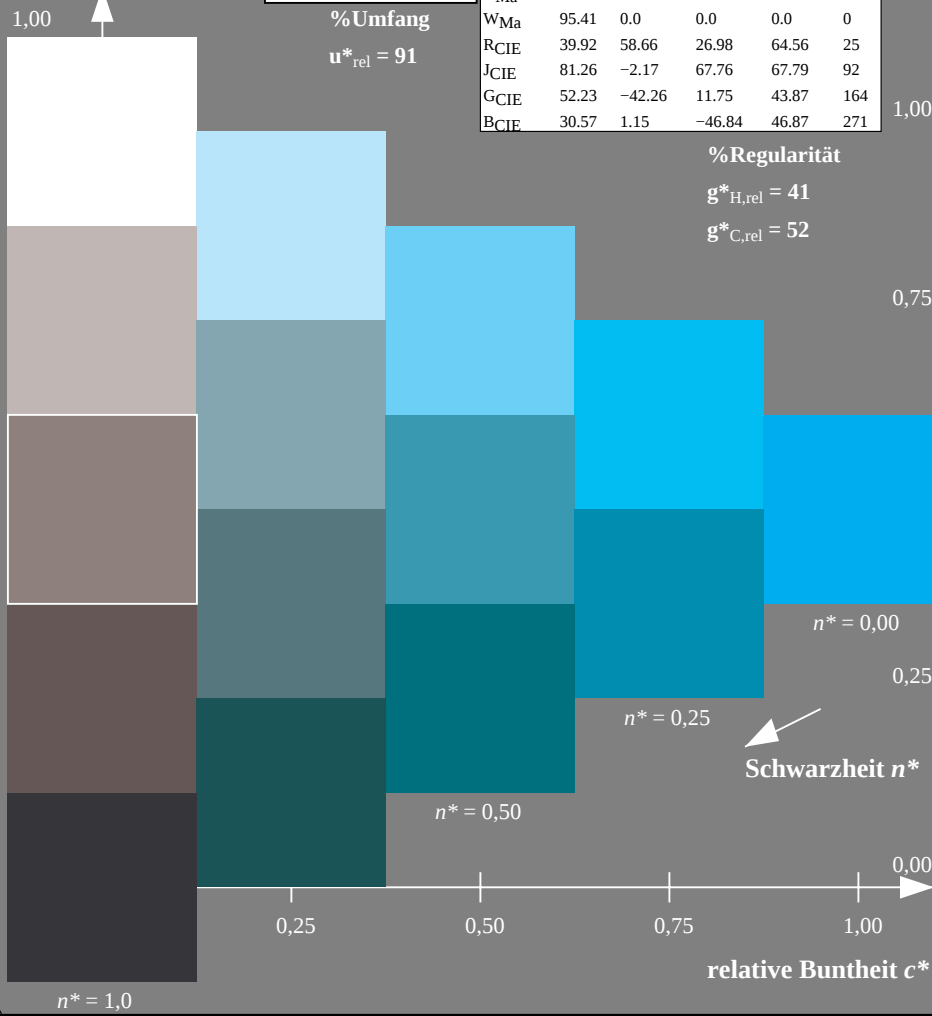
ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0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

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

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

1,00



UG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (links)

5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (rechts)

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmimetrisches Reflexions-System MRS18

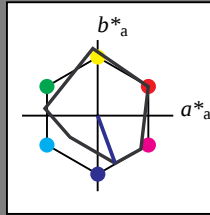
für Buntton $h^* = lab^*h = 290/360 = 0.806$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 37 67 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



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

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

0,00

relative Buntheit c^*

UG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.806 (links)

BAM-Prüfvorlage UG45; Farbmimetrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmimetrisches Reflexions-System ORS18

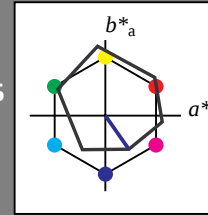
für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%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
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

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

0,00

relative Buntheit c^*

5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (rechts)

Eingabe: Farbmatisches Reflexions-System MRS18

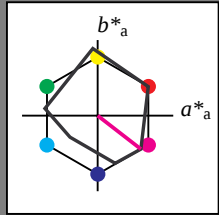
für Buntton $h^* = lab^*h = 322/360 = 0.895$ lab^*tch und lab^*nch

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

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

Ausgabe: Farbmatisches Reflexions-System ORS18

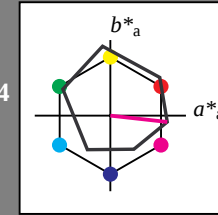
für Buntton $h^* = lab^*h = 354/360 = 0.982$ lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



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
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

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

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ $n^* = 0,50$ $n^* = 0,00$ $n^* = 0,25$ Schwarzheit n^* relative Buntheit c^*

UG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 322/360 = 0.895 (links)

5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (rechts)

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18

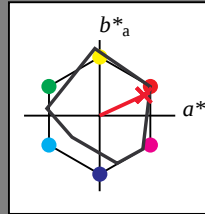
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

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

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

Ausgabe: Farbmatisches Reflexions-System ORS18

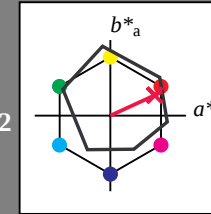
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

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
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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

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

UG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18

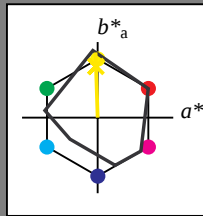
für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch

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 ORS18

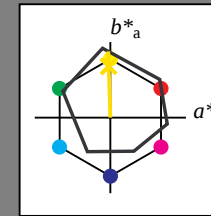
für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch

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
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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

UG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

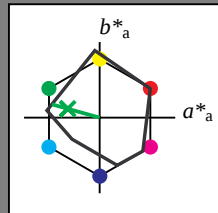
BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmy0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

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*TCha	99.99 0.01 -
relative CIELAB lab*	
lab*lab	1.0 0.0 0.0
lab*tch	1.0 0.0 -
lab*nch	0.0 0.0 -
relative Natural Colour (NC)	
lab*lrj	1.0 0.0 0.0
lab*tce	1.0 0.0 -
lab*nce	0.0 0.0 -

relative Inform. Technology (IT)	
olvi3*	0.75 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*lrj	0.75 0.0 0.0
lab*tce	0.25 0.0 -
lab*nce	0.25 0.0 -

relative Inform. Technology (IT)	
olvi3*	0.5 0.5 0.5 (1.0)
cmyn3*	0.5 0.5 0.5 (0.0)
olvi4*	1.0 1.0 1.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 0.23 2.14
LAB*LABa	56.71 0.0 0.0
LAB*TCha	50.0 0.01 -
relative CIELAB lab*	
lab*lab	0.5 0.0 0.0
lab*tch	0.5 0.0 -
lab*nch	0.5 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.5 0.0 0.0
lab*tce	0.5 0.0 -
lab*nce	0.5 0.0 -

relative Inform. Technology (IT)	
olvi3*	0.25 0.25 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 -
relative Natural Colour (NC)	
lab*lrj	0.25 0.0 0.0
lab*tce	0.25 0.0 -
lab*nce	0.75 0.0 -

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 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 (1.0)
standard and adapted CIELAB	
LAB*LAB	18.02 0.3 -0.46
LAB*LABa	18.02 0.0 0.0
LAB*TCha	0.01 0.01 -
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 -
lab*nch	1.0 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.0 0.0 0.0
lab*tce	0.0 0.0 -
lab*nce	1.0 0.0 -

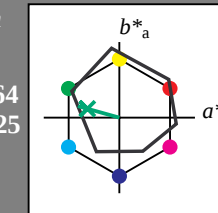
 $n^* = 1,0$

Ausgabe: 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



% 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

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

relative Inform. Technology (IT)	
olvi3*	0.75 1.0 0.812 (1.0)
cmyn3*	0.25 0.0 0.188 (0.0)
olvi4*	0.75 1.0 0.812 1.0
cmyn4*	0.25 0.0 0.188 0.0
standard and adapted CIELAB	
LAB*LAB	84.75 -14.46 7.85
LAB*LABa	84.75 -13.69 3.81
LAB*TCha	87.5 14.22 164.46
relative CIELAB lab*	
lab*lab	0.862 -0.24 0.067
lab*tch	0.875 0.25 0.457
lab*nch	0.0 0.25 0.457
relative Natural Colour (NC)	
lab*lrj	0.862 -0.249 0.0
lab*tce	0.875 0.25 0.5
lab*nce	0.0 0.25 0.5

relative Inform. Technology (IT)	
olvi3*	0.5 0.75 0.52 (1.0)
cmyn3*	0.5 0.25 0.438 (0.0)
olvi4*	0.75 1.0 0.812 0.75
cmyn4*	0.5 0.0 0.188 0.25
standard and adapted CIELAB	
LAB*LAB	65.41 -14.1 6.35
LAB*LABa	65.41 -13.69 3.81
LAB*TCha	62.5 14.22 164.46
relative CIELAB lab*	
lab*lab	0.512 -0.24 0.067
lab*tch	0.525 0.25 0.457
lab*nch	0.25 0.25 0.457
relative Natural Colour (NC)	
lab*lrj	0.512 -0.249 0.0
lab*tce	0.525 0.25 0.5
lab*nce	0.25 0.25 0.5

relative Inform. Technology (IT)	
olvi3*	0.25 0.75 0.573 (1.0)
cmyn3*	0.75 0.25 0.627 (0.0)
olvi4*	0.5 1.0 0.623 0.75
cmyn4*	0.5 0.0 0.377 0.25
standard and adapted CIELAB	
LAB*LAB	54.75 -27.6 9.64
LAB*LABa	54.75 -27.39 7.62
LAB*TCha	50.0 28.44 164.46
relative CIELAB lab*	
lab*lab	0.475 -0.481 0.134
lab*tch	0.5 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*lrj	0.475 -0.489 0.0
lab*tce	0.5 0.5 0.5
lab*nce	0.5 0.5 0.5

relative Inform. Technology (IT)	
olvi3*	0.5 0.5 0.5 (1.0)
cmyn3*	0.5 0.5 0.5 (0.0)
olvi4*	0.5 1.0 0.623 0.5
cmyn4*	0.5 0.0 0.377 0.5
standard and adapted CIELAB	
LAB*LAB	35.41 -27.2 8.34
LAB*LABa	35.41 -27.39 7.63
LAB*TCha	25.01 28.44 164.45
relative CIELAB lab*	
lab*lab	0.225 -0.481 0.134
lab*tch	0.25 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*lrj	0.225 -0.489 0.0
lab*tce	0.25 0.5 0.5
lab*nce	0.5 0.5 0.5

relative Inform. Technology (IT)	
olvi3*	0.0 0.5 0.0 (1.0)
cmyn3*	1.0 0.75 0.938 (0.0)
olvi4*	1.0 1.0 1.0 0.75
cmyn4*	0.25 0.0 0.188 0.75
standard and adapted CIELAB	
LAB*LAB	26.71 -13.69 3.82
LAB*LABa	26.71 -13.69 3.82
LAB*TCha	12.5 14.22 164.44
relative CIELAB lab*	
lab*lab	0.112 -0.24 0.067
lab*tch	0.125 0.25 0.457
lab*nch	0.75 0.25 0.457
relative Natural Colour (NC)	
lab*lrj	0.112 -0.249 0.0
lab*tce	0.125 0.25 0.5
lab*nce	0.75 0.25 0.5

 $n^* = 1,0$

relative Inform. Technology (IT)	
olvi3*	0.5 1.0 0.623 (1.0)
cmyn3*	0.5 0.0 0.377 (0.0)
olvi4*	0.5 1.0 0.623 1.0
cmyn4*	0.5 0.0 0.377 0.0
standard and adapted CIELAB	
LAB*LAB	74.1 -27.96 10.94
LAB*LABa	74.1 -27.39 7.62
LAB*TCha	75.0 28.44 164.46
relative CIELAB lab*	
lab*lab	0.725 -0.481 0.134
lab*tch	0.75 0.5 0.457
lab*nch	0.0 0.5 0.457
relative Natural Colour (NC)	
lab*lrj	0.725 -0.489 0.0
lab*tce	0.75 0.5 0.5
lab*nce	0.0 0.5 0.5

relative Inform. Technology (IT)	
olvi3*	0.25 0.75 0.573 (1.0)
cmyn3*	0.75 0.25 0.627 (0.0)
olvi4*	0.5 1.0 0.623 0.75
cmyn4*	0.5 0.0 0.377 0.25
standard and adapted CIELAB	
LAB*LAB	54.75 -27.6 9.64
LAB*LABa	54.75 -27.39 7.62
LAB*TCha	50.0 28.44 164.46
relative CIELAB lab*	
lab*lab	0.475 -0.481 0.134
lab*tch	0.5 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*lrj	0.475 -0.489 0.0
lab*tce	0.5 0.5 0.5
lab*nce	0.5 0.5 0.5

relative Inform. Technology (IT)	
olvi3*	0.25 0.75 0.573 (1.0)
cmyn3*	0.75 0.25 0.627 (0.0)
olvi4*	0.5 1.0 0.623 0.75
cmyn4*	0.5 0.0 0.377 0.25
standard and adapted CIELAB	
LAB*LAB	54.75 -27.6 9.64
LAB*LABa	54.75 -27.39 7.62
LAB*TCha	50.0 28.44 164.46
relative CIELAB lab*	
lab*lab	0.475 -0.481 0.134
lab*tch	0.5 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*lrj	0.475 -0.489 0.0
lab*tce	0.5 0.5 0.5
lab*nce	0.5 0.5 0.5

relative Inform. Technology (IT)	
olvi3*	0.5 0.5 0.5 (1.0)
cmyn3*	0.5 0.5 0.5 (0.0)
olvi4*	0.5 1.0 0.623 0.5
cmyn4*	0.5 0.0 0.377 0.5
standard and adapted CIELAB	
LAB*LAB	35.41 -27.2 8.34
LAB*LABa	35.41 -27.39 7.63
LAB*TCha	25.01 28.44 164.45
relative CIELAB lab*	
lab*lab	0.225 -0.481 0.134
lab*tch	0.25 0.5 0.457
lab*nch	0.5 0.5 0.457
relative Natural Colour (NC)	
lab*lrj	0.225 -0.489 0.0
lab*tce	0.25 0.5 0.5
lab*nce	0.5 0.5 0.5

relative Inform. Technology (IT)	
olvi3*	0.0 0.5 0.0 (1.0)
cmyn3*	1.0 0.75 0.938 (0.0)
olvi4*	1.0 1.0 1.0 0.75
cmyn4*	0.25 0.0 0.188 0.75
standard and adapted CIELAB	
LAB*LAB	26.71 -13.69 3.82
LAB*LABa	26.71 -13.69 3.82
LAB*TCha	12.5 14.22 164.44
relative CIELAB lab*	
lab*lab	0.112 -0.24 0.067
lab*tch	0.125 0.25 0.457
lab*nch	0.75 0.25 0.457
relative Natural Colour (NC)	
lab*lrj	0.112 -0.249 0.0
lab*tce	0.125 0.25 0.5
lab*nce	0.75 0.25 0.5

 $n^* = 1,0$

relative Inform. Technology (IT)	
olvi3*	0.0 0.75 0.185 (1.0)
cmyn3*	0.75 0.0 0.565 (0.0)
olvi4*	0.25 1.0 0.435 1.0
cmyn4*	0.75 0.0 0.565 0.0
standard and adapted CIELAB	
LAB*LAB	63.45 -41.46 14.03
LAB*LABa	63.45 -41.09 11.43
LAB*TCha	62.5 42.66 164.46
relative CIELAB lab*	
lab*lab	0.587 -0.721 0.201
lab*tch	0.625 0.75 0.457
lab*nch	0.0 0.75 0.457
relative Natural Colour (NC)	
lab*lrj	0.587 -0.749 0.0
lab*tce	0.625 0.75 0.5
lab*nce	0.0 0.75 0.5

relative Inform. Technology (IT)	
olvi3*	0.0 0.75 0.185 (1.0)
cmyn3*	0.75 0.0 0.565 (0.0)
olvi4*	0.25 1.0 0.435 1.0
cmyn4*	0.75 0.0 0.565 0.0
standard and adapted CIELAB	
LAB*LAB	52.8 -54.95 17.13
LAB*LABa	52.8 -54.79 15.24
LAB*TCha	50.0 56.88 164.43
relative CIELAB lab*	
lab*lab	0.45 -0.962 0.268
lab*tch	0.5 1.0 0.457
lab*nch	0.0 1.0 0.457
relative Natural Colour (NC)	
lab*lrj	0.45 -0.999 0.0
lab*tce	0.5 1.0 0.5
lab*nce	0.0 1.0 0.5

relative CIELAB lab*			
lab*lab	0.587	-0.721	0.201
lab*tch	0.625	0.75	0.457
lab*nch	0.0	0.75	0.457
relative Natural Colour (NC)			
lab*trj	0.587	0.749	0.0
lab*tch	0.625	0.75	0.5
lab*nch	0.0	0.75	0.500
relative Inform. Technology (IT)			
olvi3*	0.0	0.75	0.185 (1.0)
cmyn3*	1.0	0.25	0.815 (0.0)
olvi4*	0.25	1.0	0.435 0.75
cmyn4*	0.75	0.0	0.565 0.25
standard and adapted CIELAB			
LAB*LAB	44.11	-41.09	12.73
LAB*LABa	44.11	-41.09	11.44
LAB*TCha	37.51	42.66	164.43

Eingabe: Farbmatisches Reflexions-System MRS18

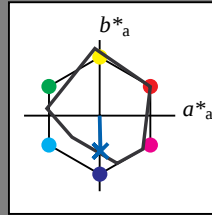
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

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

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

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*lrj 1.0 0.0 0.0
lab*lce 1.0 0.0 0.0
lab*ncc 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 0.25 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.75 0.0 0.0
lab*lce 0.25 0.0 0.0
lab*ncc 0.25 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.23 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 0.5 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*lce 0.5 0.0 0.0
lab*ncc 0.5 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.13 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 0.75 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.25 0.0 0.0
lab*lce 0.75 0.0 0.0
lab*ncc 0.75 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.5 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 1.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*lce 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

 $n^* = 1.0$

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

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend

Ausgabe: Farbmatisches Reflexions-System ORS18

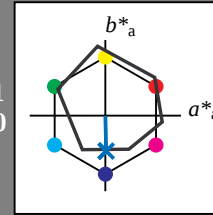
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



%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
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

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

1,00

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 82.0 -0.44 -7.31
LAB*LABa 82.0 0.27 -11.17
LAB*LABb 82.0 0.27 -11.17
relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.75 0.0 0.0
lab*lce 0.25 0.0 0.0
lab*ncc 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 68.59 0.08 -19.4
LAB*LABa 68.59 0.54 -22.35
LAB*LABb 68.59 0.54 -22.35
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*lce 0.5 0.0 0.0
lab*ncc 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 49.25 0.45 -20.71
LAB*LABa 49.25 0.55 -22.35
LAB*LABb 49.25 0.55 -22.35
relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.25 0.0 0.0
lab*lce 0.75 0.0 0.0
lab*ncc 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 29.9 0.55 -22.35
LAB*LABa 29.9 0.55 -22.35
LAB*LABb 29.9 0.55 -22.35
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*lce 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

 $n^* = 0.50$

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

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend

UG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

BAM-Prüfvorlage UG45; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend