

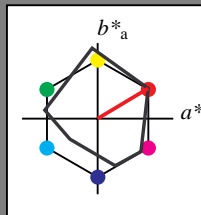
Eingabe: Farbmatisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 31/360 = 0.086$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 50 78 31
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



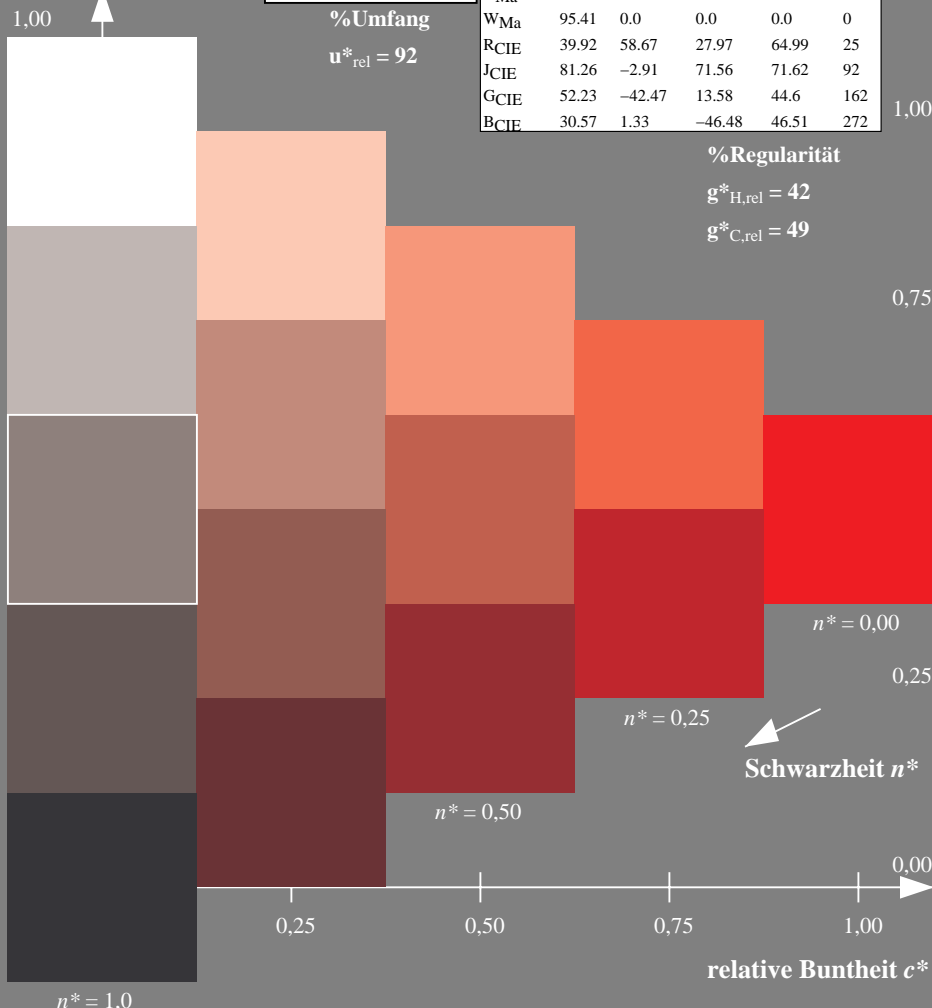
MRS18a; adaptierte CIELAB-Daten

Table with 5 columns: Color Name, L*, a*, b*, C*ab,a, h*ab,a. Rows include RMa, JMa, GMa, G50BMa, BMa, B50RMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularität

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

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



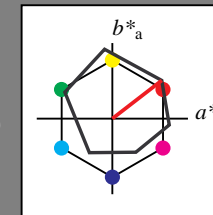
Ausgabe: Farbmatisches Reflexions-System ORS18

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



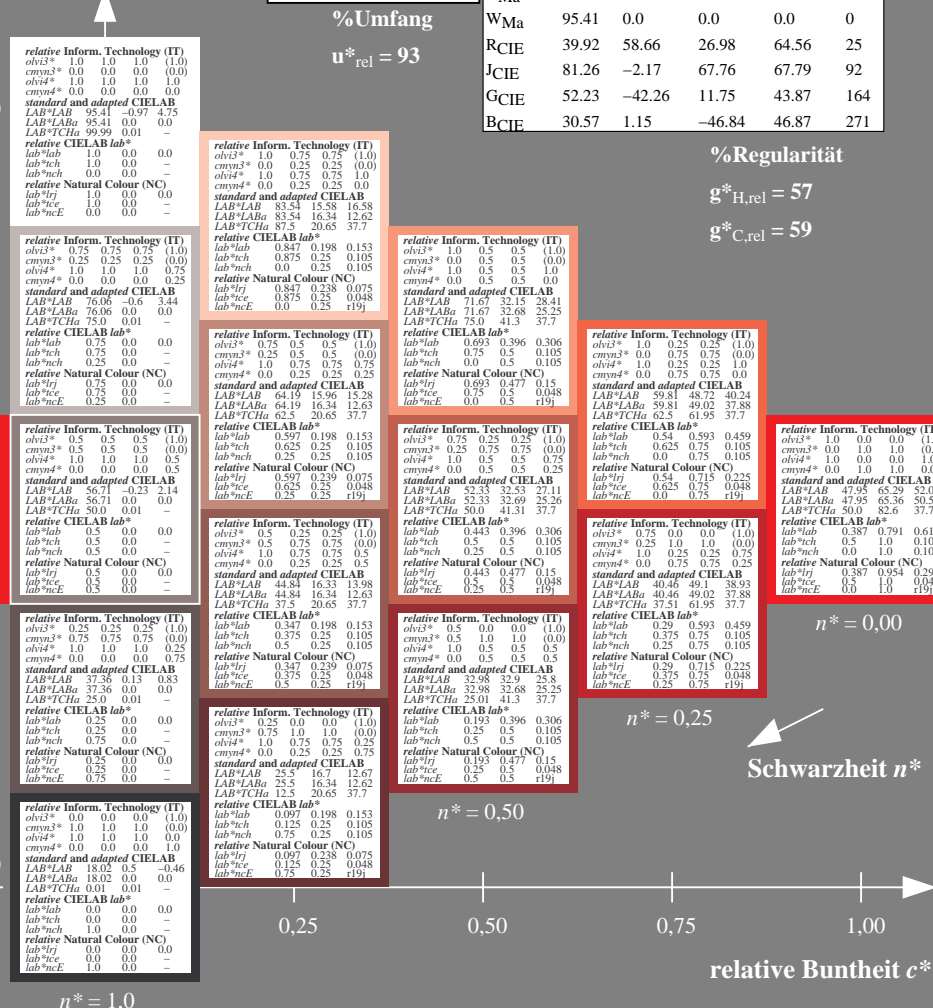
ORS18; adaptierte CIELAB-Daten

Table with 5 columns: Color Name, L*, a*, b*, C*ab,a, h*ab,a. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularität

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

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



UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 31/360 = 0.086 (links)

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

BAM-Prüfvorlage UG46; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^*setcmYcolor$

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

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG46/>
Technische Information: <http://www.ps.bam.de/Version 2.1, io=0.0?>

BAM-Registrierung: 20060101-UG46/10S/S46G00SP.PS/.PDF BAM-Material: Code=rhatha
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
Form: 1/10, Serie: 1/1, Seite: 1
Schutzung 1

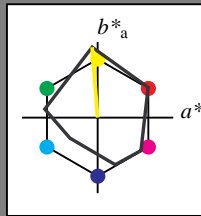
Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 94/360 = 0.262$

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 91 93 94
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit

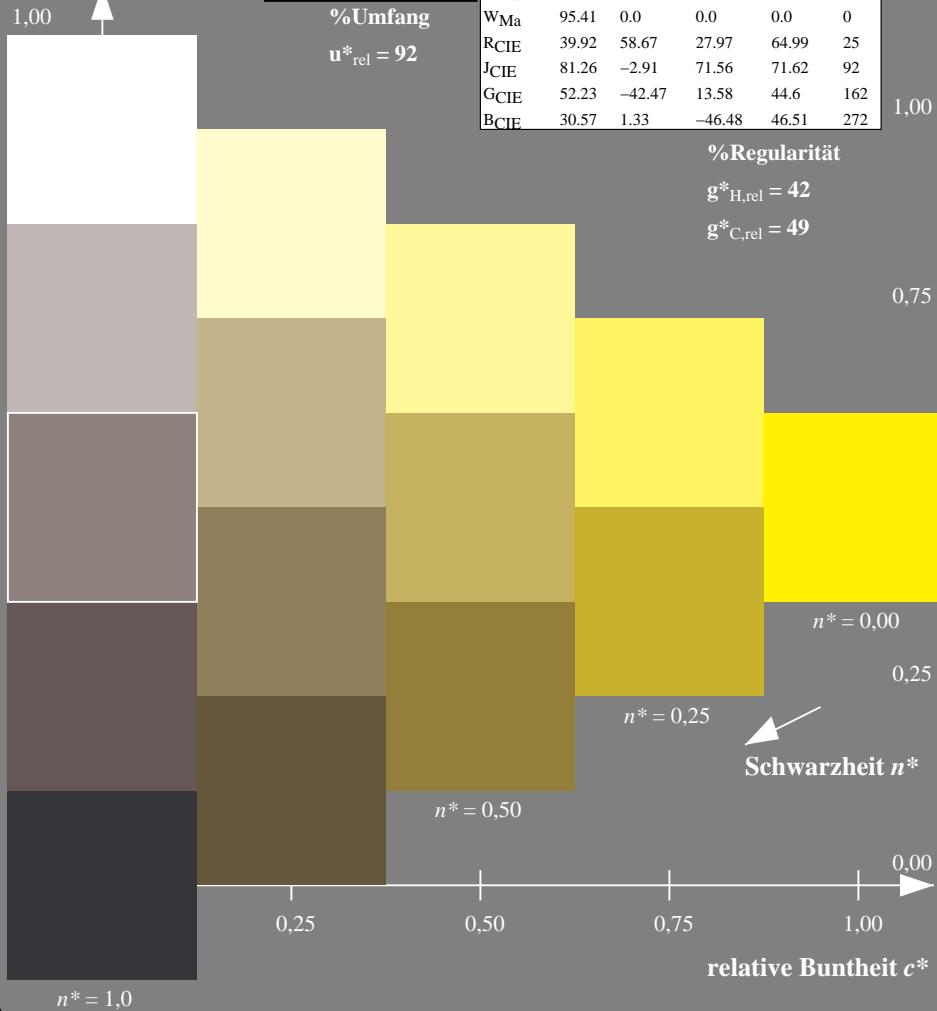


MRS18a; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (RMa, JMa, GMa, G50BMa, BMa, B50RMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

%Regularität

g*_{H,rel} = 42

g*_{C,rel} = 49



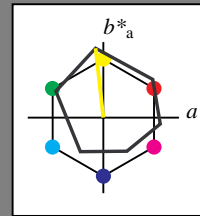
Ausgabe: Farbmetrisches Reflexions-System ORS18

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

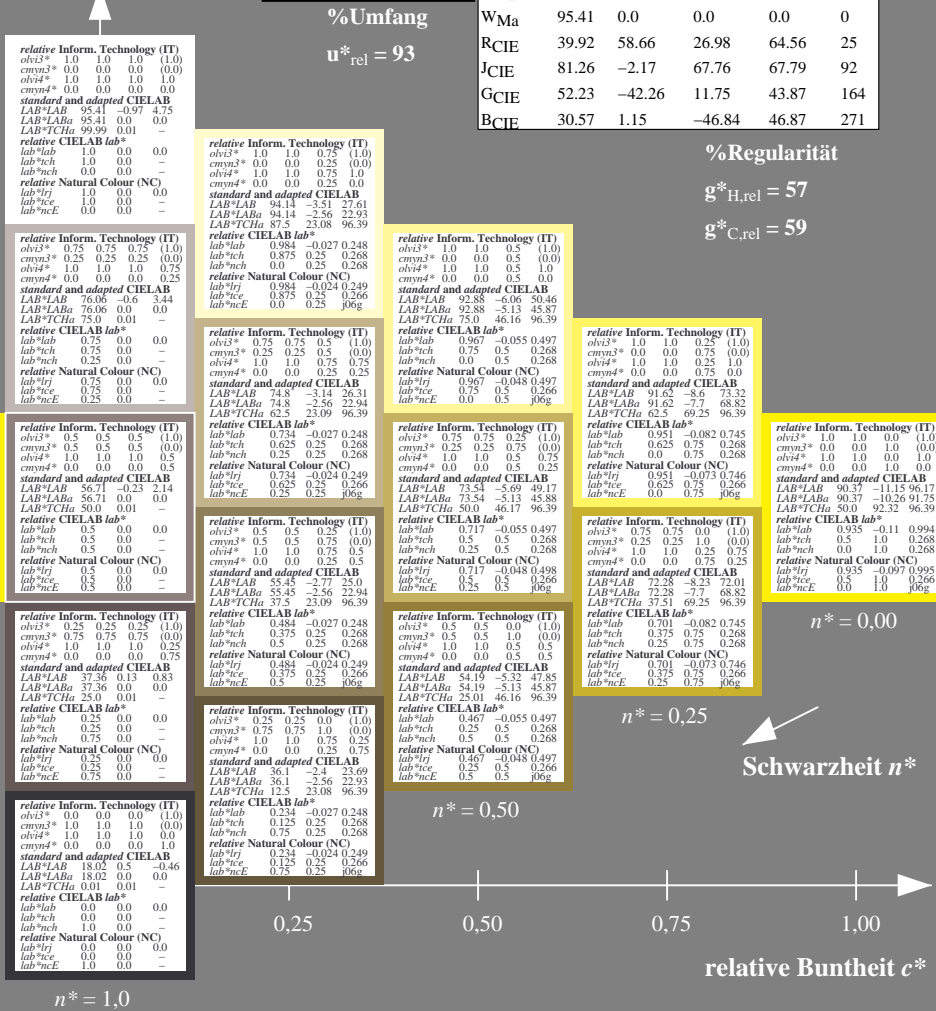


ORS18; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

%Regularität

g*_{H,rel} = 57

g*_{C,rel} = 59



UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.262 (links)

5stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (rechts)

BAM-Prüfvorlage UG46; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

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

BAM-Registrierung: 20060101-UG46/10S/S46G01SP.PS/.PDF BAM-Material: Code=rhatha
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/UG46/ Form: 2/10, Serie: 1/1, Seite: 2
Seitenzählung 2

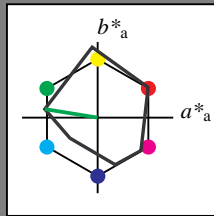
Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 171/360 = 0.475$

lab^*tch und lab^*nch

D65: Buntton G
LCH*Ma: 52 71 171
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit

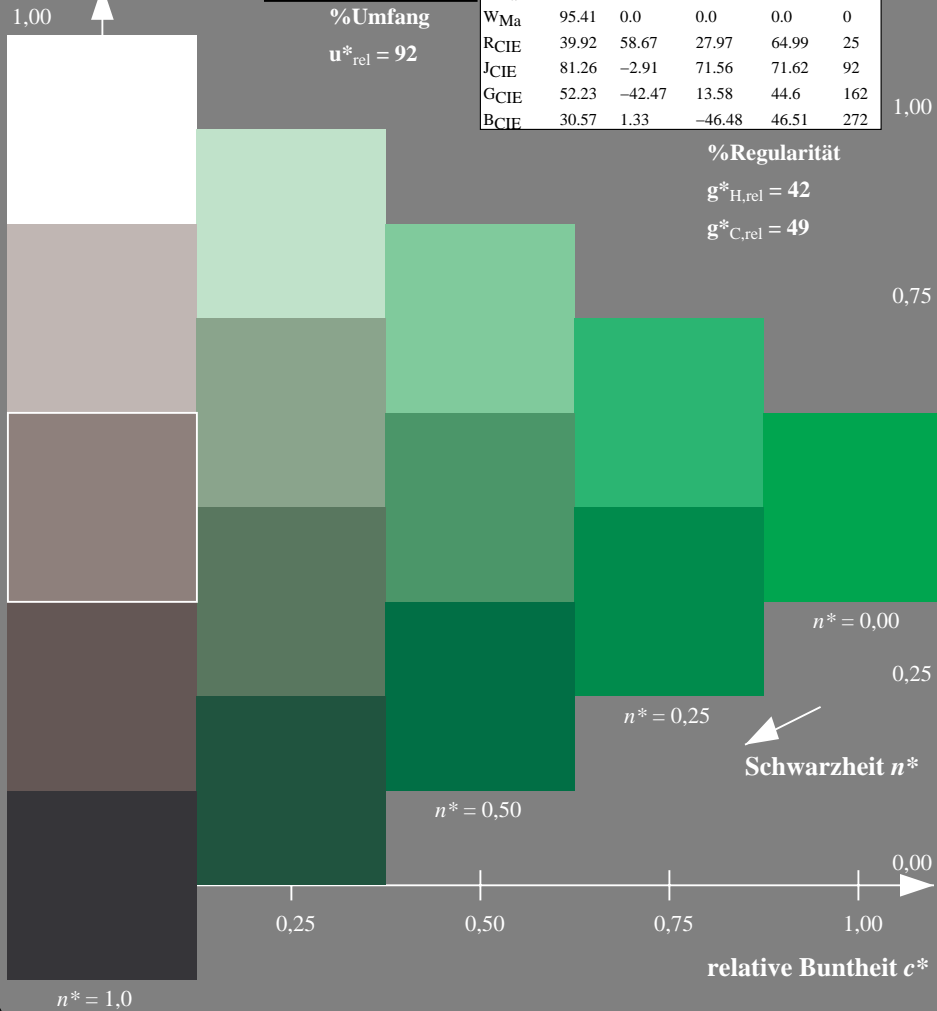


MRS18a; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (RMa, JMa, GMa, etc.).

%Regularität

g*H,rel = 42

g*C,rel = 49



UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 171/360 = 0.475 (links)

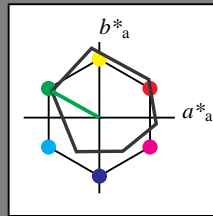
Ausgabe: Farbmetrisches Reflexions-System ORS18

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

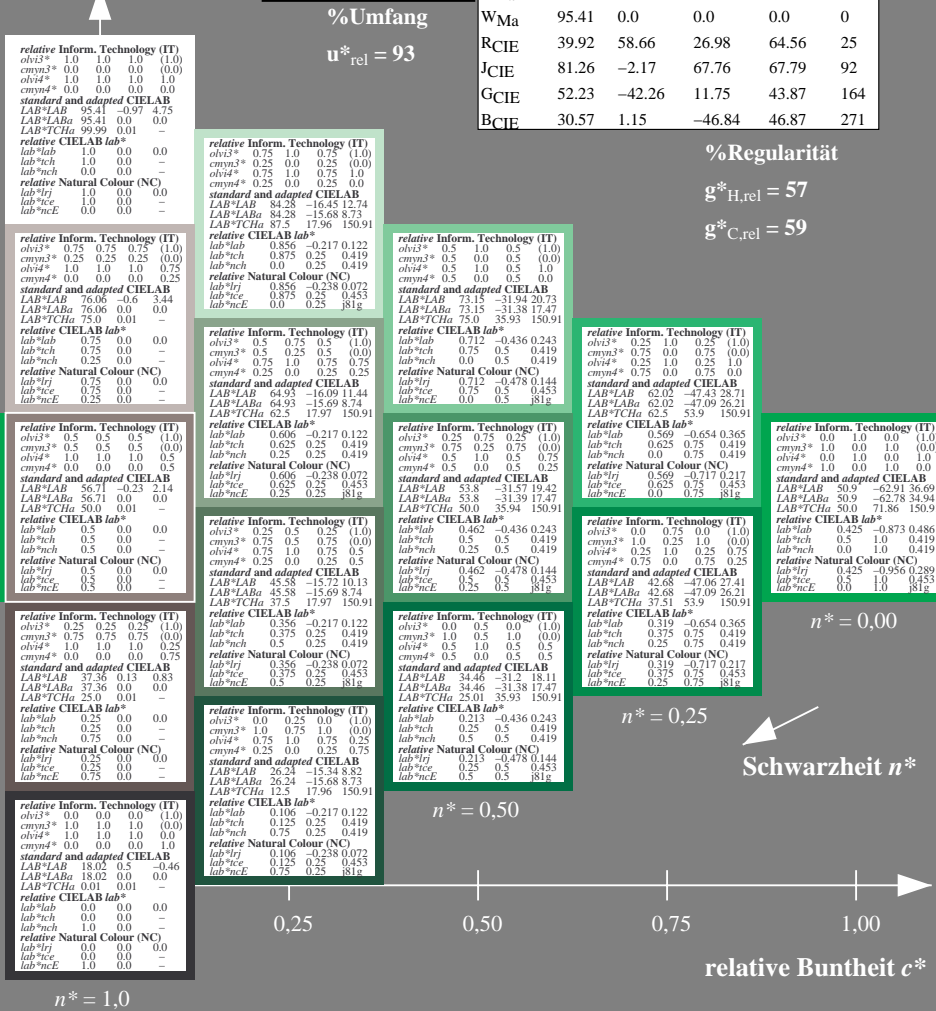


ORS18; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (OMa, YMa, LMa, etc.).

%Regularität

g*H,rel = 57

g*C,rel = 59



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

BAM-Prüfvorlage UG46; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

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

Siehe ähnliche Dateien: http://www.ps.bam.de/UG46/ Technische Information: http://www.ps.bam.de Version 2.1, io=0,0?

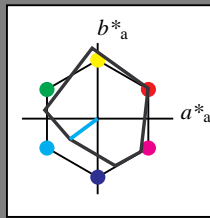
BAM-Registrierung: 20060101-UG46/10S/S46G02SP.PS/.PDF BAM-Material: Code=rhatha Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen UG46 Form: 3/10, Serie: 1/1, Seite: 3 Scherz hung 3

Eingabe: Farbmetrisches Reflexions-System MRS18a

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

D65: Buntton G50B
LCH*Ma: 45 46 217
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



MRS18a; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (RMa, JMa, GMa, G50BMa, BMa, B50RMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

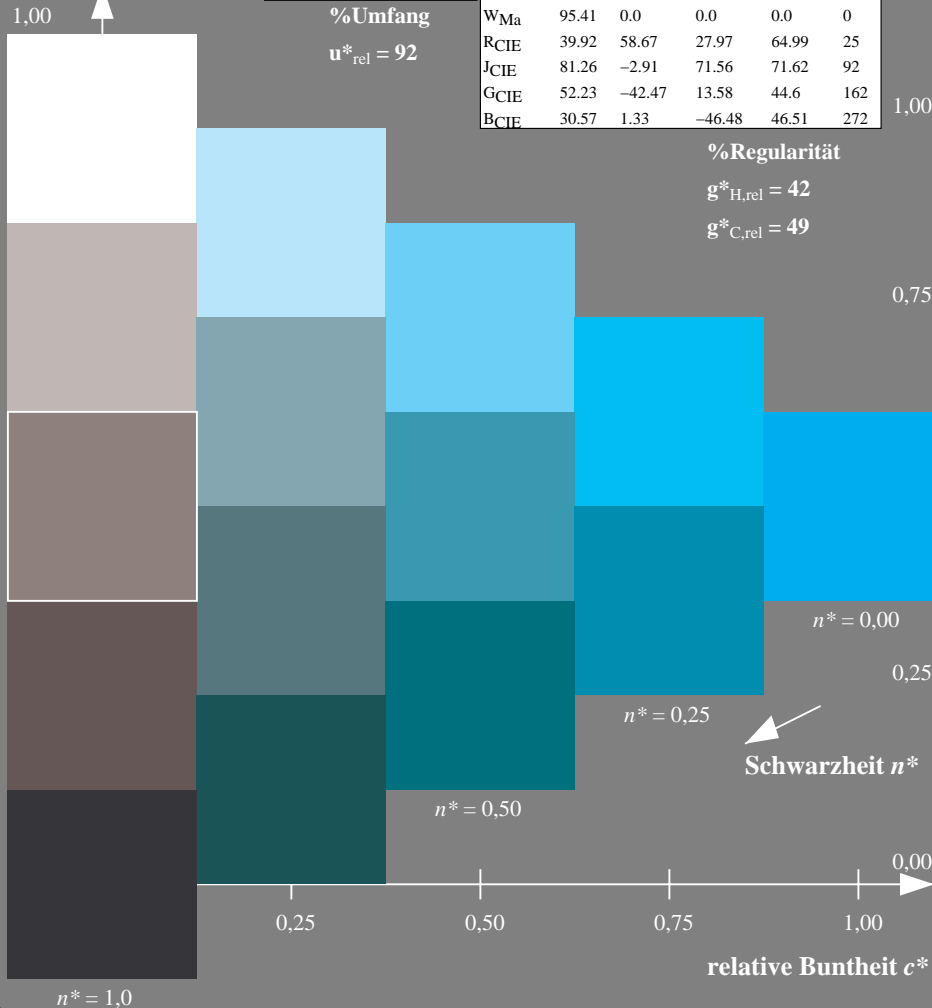
%Umfang

u*rel = 92

%Regularität

g*H,rel = 42

g*C,rel = 49

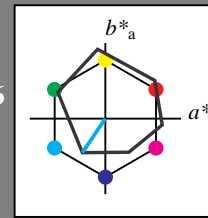


Ausgabe: Farbmetrisches Reflexions-System ORS18

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



%Umfang

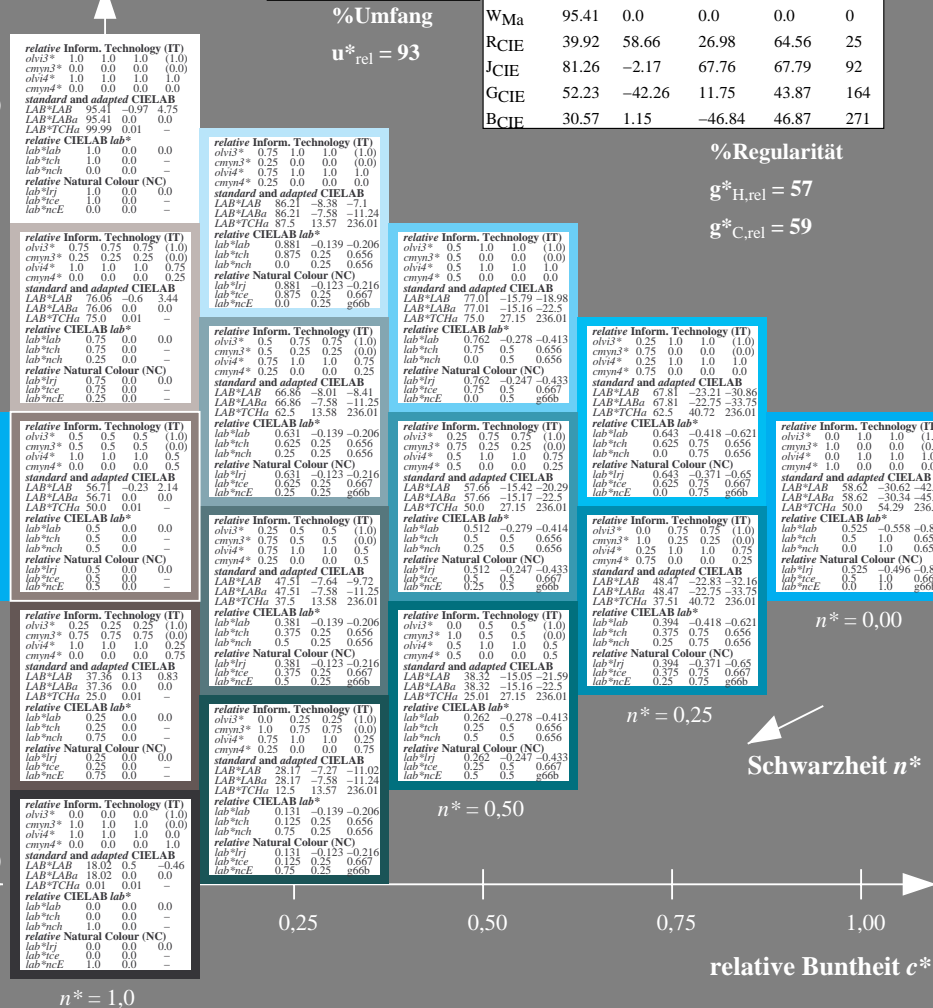
u*rel = 93

ORS18; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

%Regularität

g*H,rel = 57

g*C,rel = 59



UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 217/360 = 0.601 (links)

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

BAM-Prüfvorlage UG46; Farbmetrik-Systeme ORS18 & ORS18input: *cmY0* setcmYcolor*

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

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG46/>
Technische Information: <http://www.ps.bam.de/Version 2.1, io=0,0?>

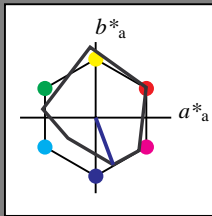
BAM-Registrierung: 20060101-UG46/10S/S46G03SP.PS/.PDF BAM-Material: Code=rhatha
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/UG46/ Form: 4/10, Serie: 1/1, Seite: 4
Seitenzahl 4

Eingabe: Farbmetrisches Reflexions-System MRS18a

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

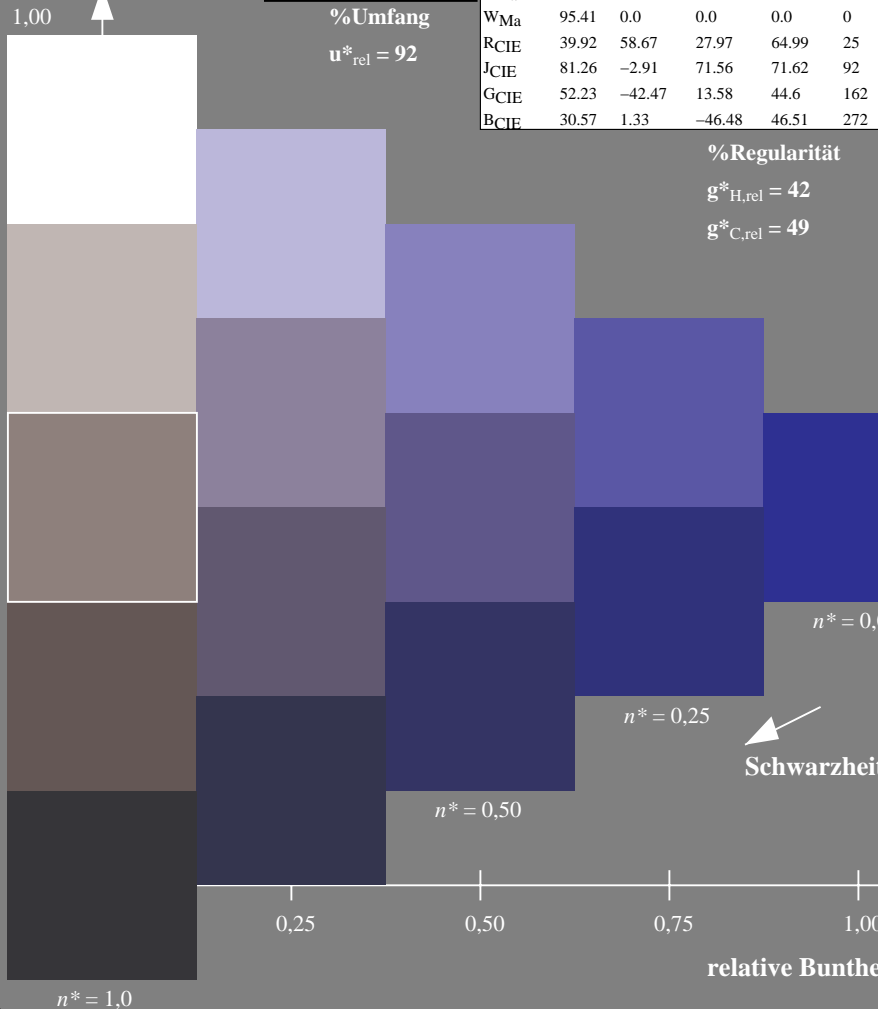
D65: Buntton B
LCH*Ma: 37 66 290
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



% Umfang

$u^*_{rel} = 92$



MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50B _{Ma}	45.03	-36.65	-27.13	45.61	217
B _{Ma}	36.65	23.26	-62.27	66.49	290
B50R _{Ma}	34.94	57.27	-43.6	71.99	323
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	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

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

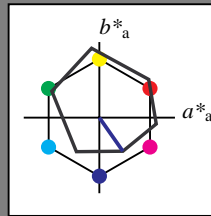
$g^*_{C,rel} = 49$

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

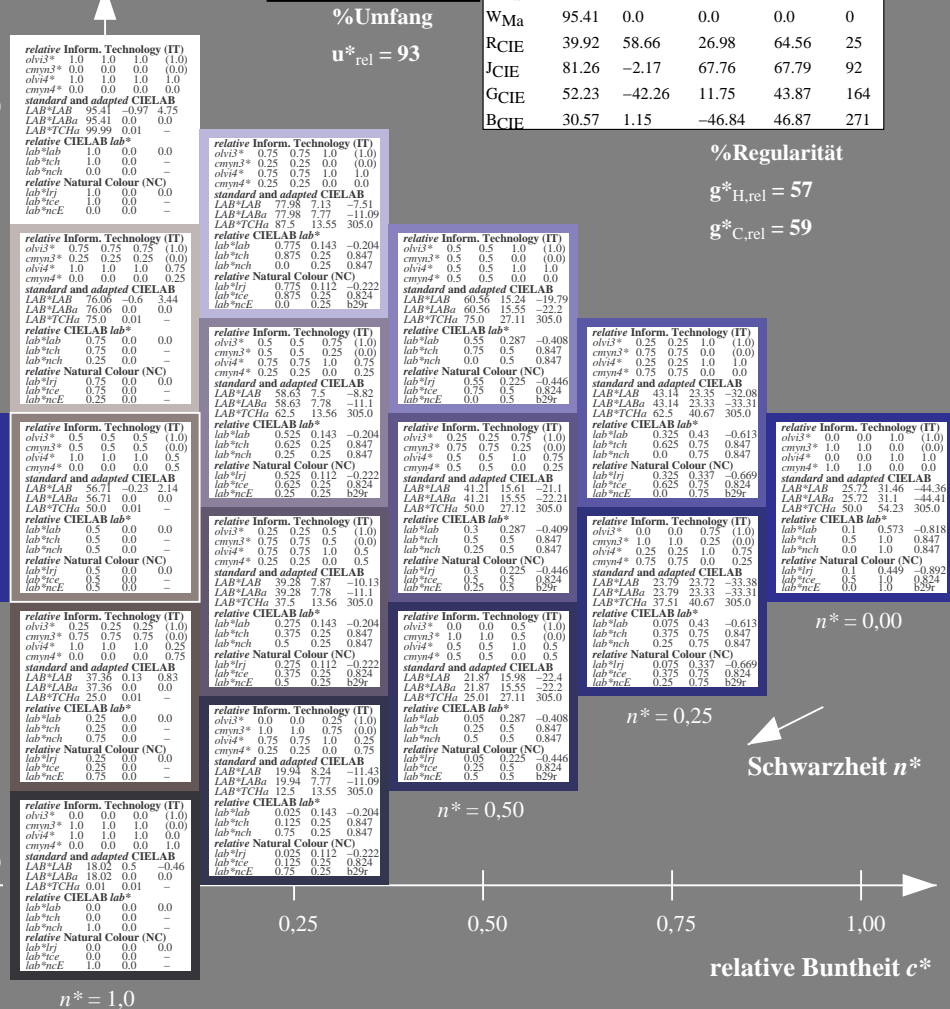
D65: Buntton V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

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

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

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

UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.807 (links)

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

BAM-Prüfvorlage UG46; Farbmetrik-Systeme ORS18 & ORS18input: *cmY0* setcmYcolor*

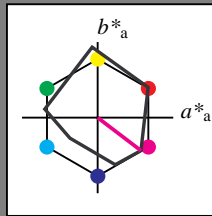
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 323/360 = 0.896$
 lab^*tch und lab^*nch

D65: Buntton B50R
LCH*Ma: 35 72 323
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

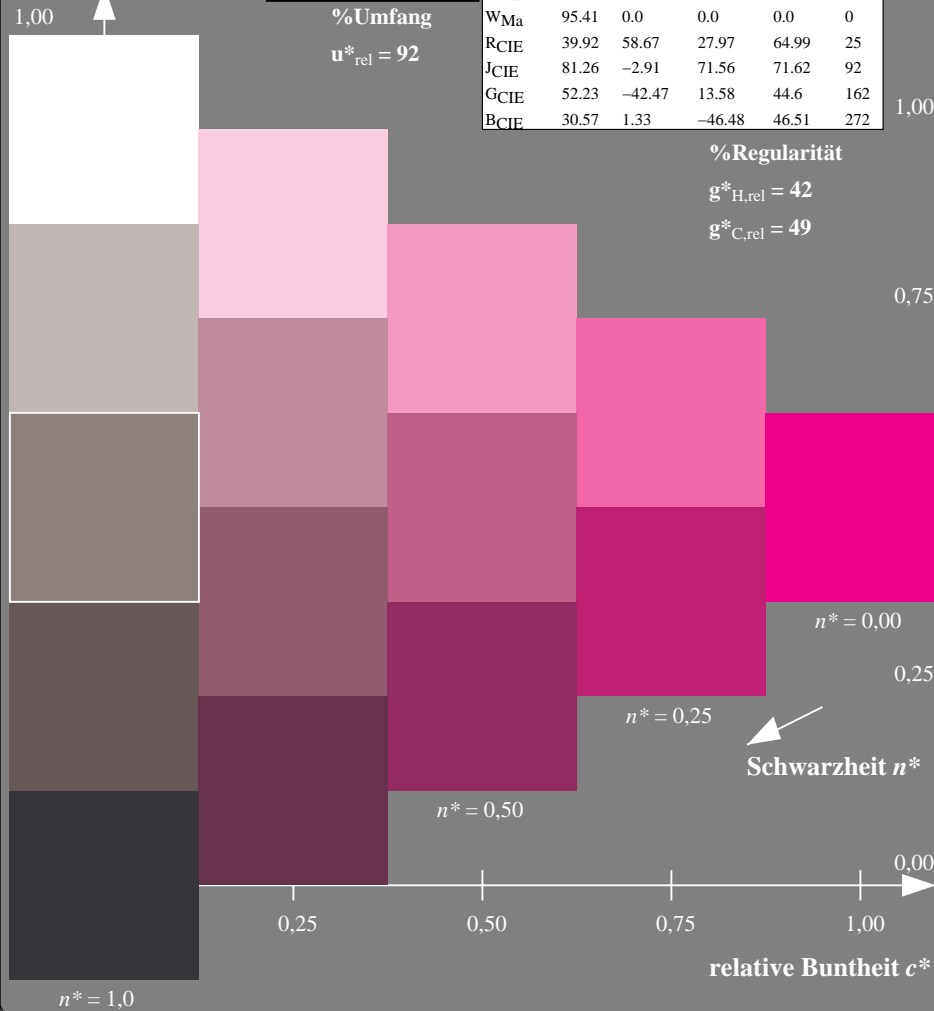


MRS18a; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (RMa, JMa, GMa, G50BMa, BMa, B50RMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

%Regularität

g*_{H,rel} = 42

g*_{C,rel} = 49

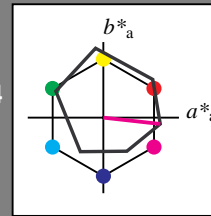


Ausgabe: Farbmatisches Reflexions-System ORS18

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

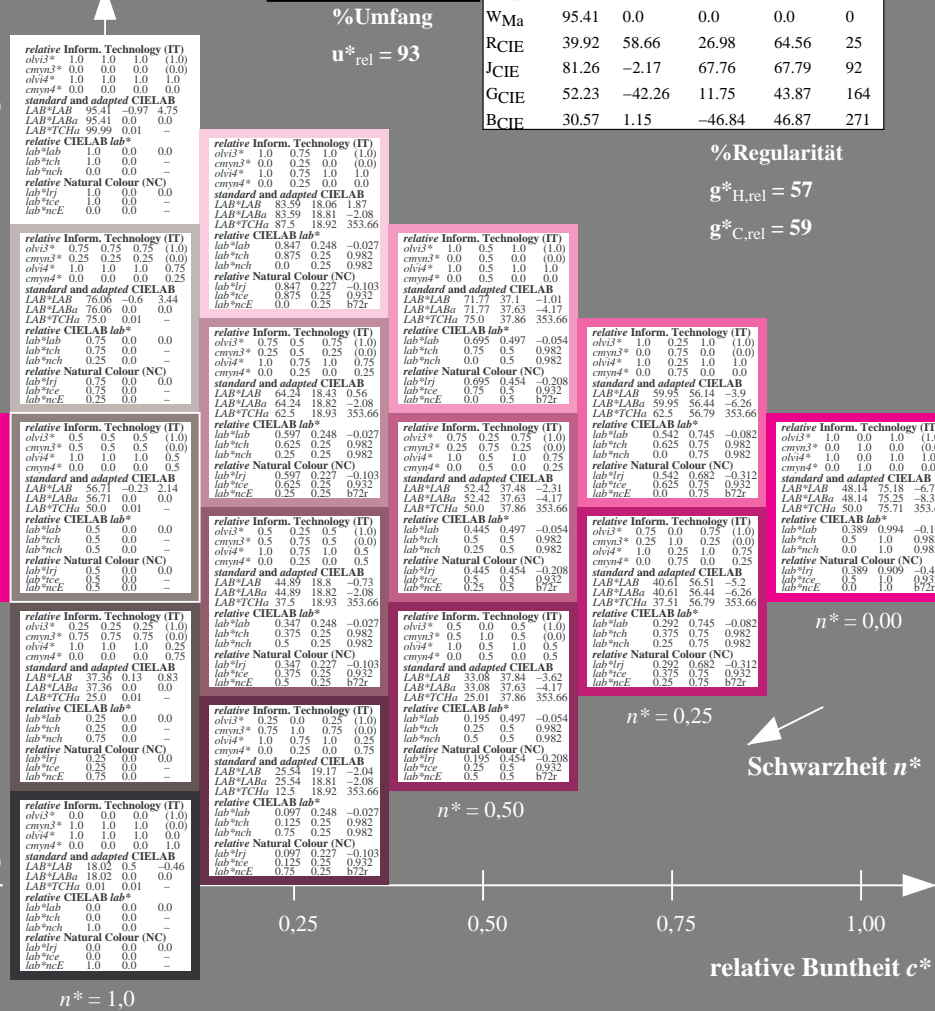


ORS18; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

%Regularität

g*_{H,rel} = 57

g*_{C,rel} = 59



UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 323/360 = 0.896 (links)

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

BAM-Prüfvorlage UG46; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*

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

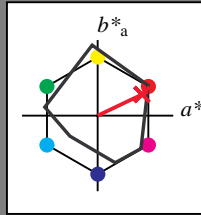
Eingabe: Farbmatisches Reflexions-System MRS18a

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

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 48 73 25
rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit

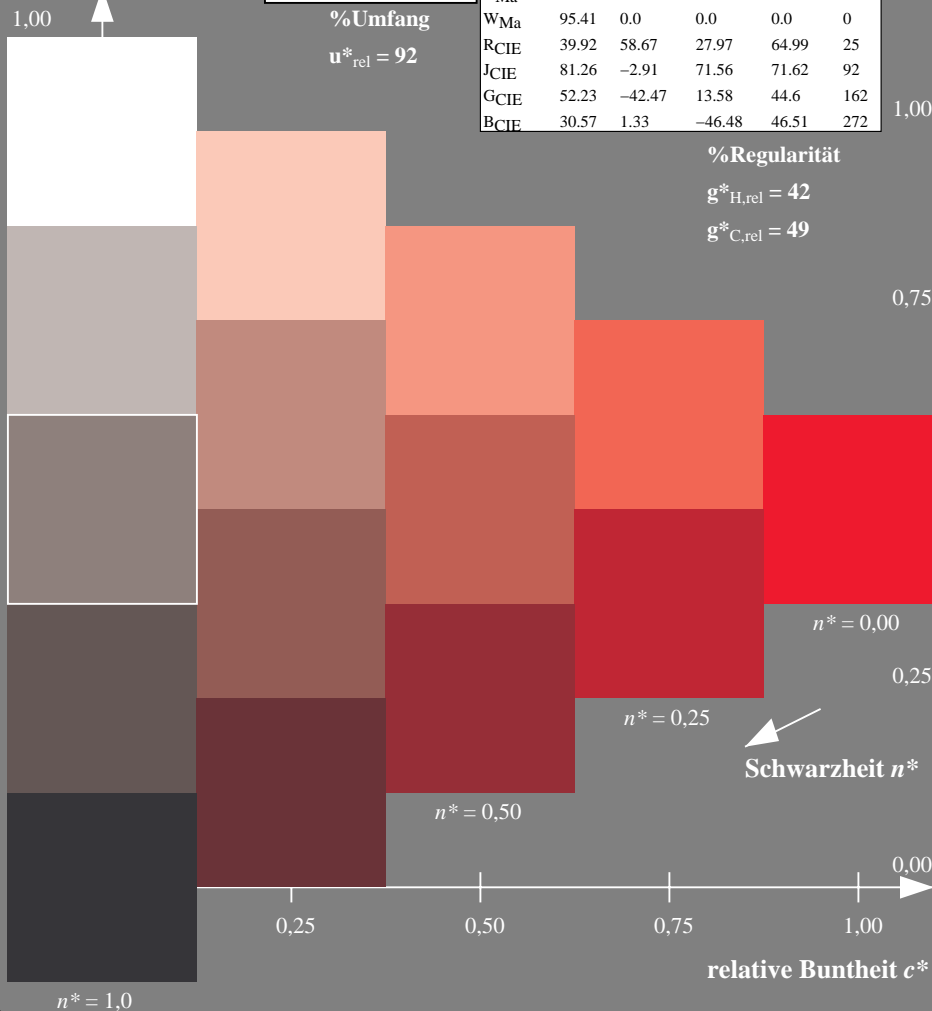


MRS18a; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (RMa, JMa, GMa, G50BMa, BMa, B50RMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

%Regularität

g*_{H,rel} = 42

g*_{C,rel} = 49



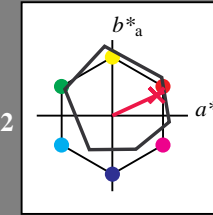
Ausgabe: Farbmatisches Reflexions-System ORS18

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

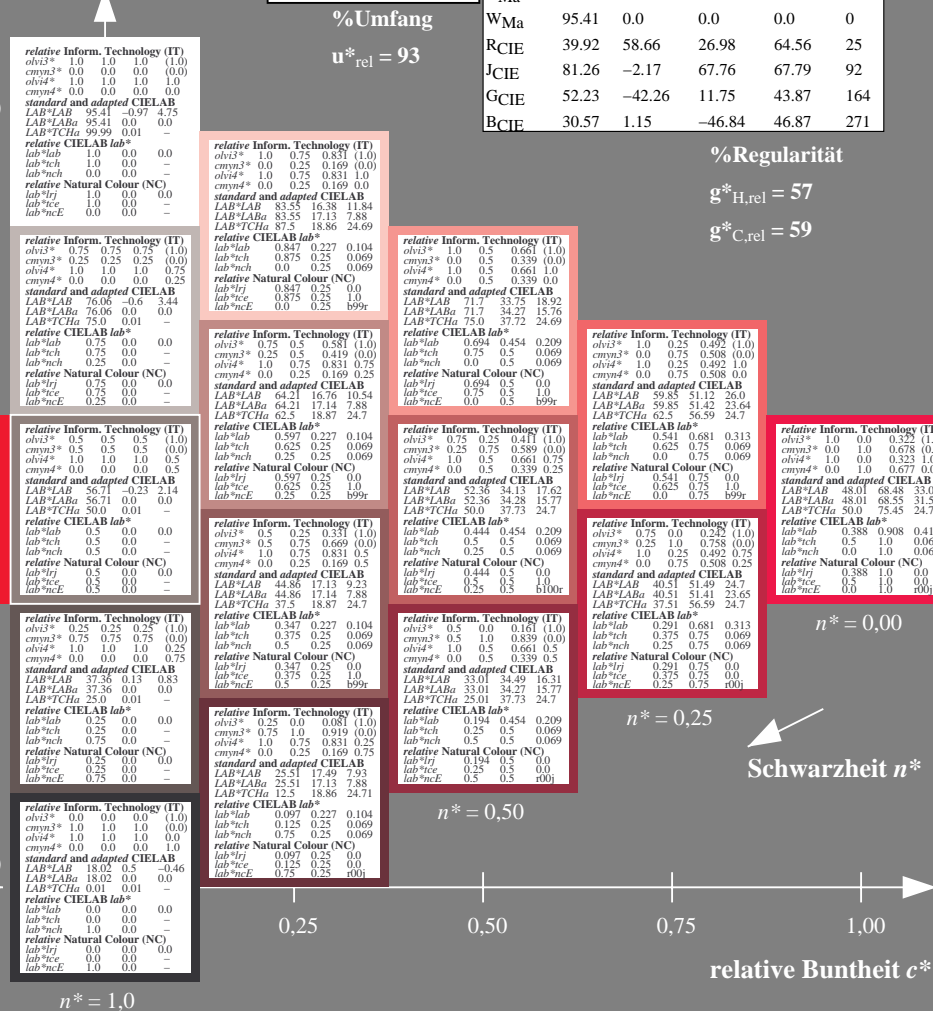


ORS18; adaptierte CIELAB-Daten table with columns L*, a*a, b*a, C*ab,a, h*ab,a and rows for various color patches (OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE).

%Regularität

g*_{H,rel} = 57

g*_{C,rel} = 59



UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

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

BAM-Prüfvorlage UG46; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0** *setcmYcolor*

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

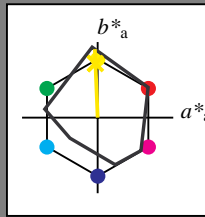
Eingabe: Farbmetrisches Reflexions-System MRS18a

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

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 89 91 92
rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit



MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50B _{Ma}	45.03	-36.65	-27.13	45.61	217
B _{Ma}	36.65	23.26	-62.27	66.49	290
B50R _{Ma}	34.94	57.27	-43.6	71.99	323
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	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

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

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

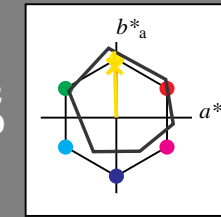
Ausgabe: Farbmetrisches Reflexions-System ORS18

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



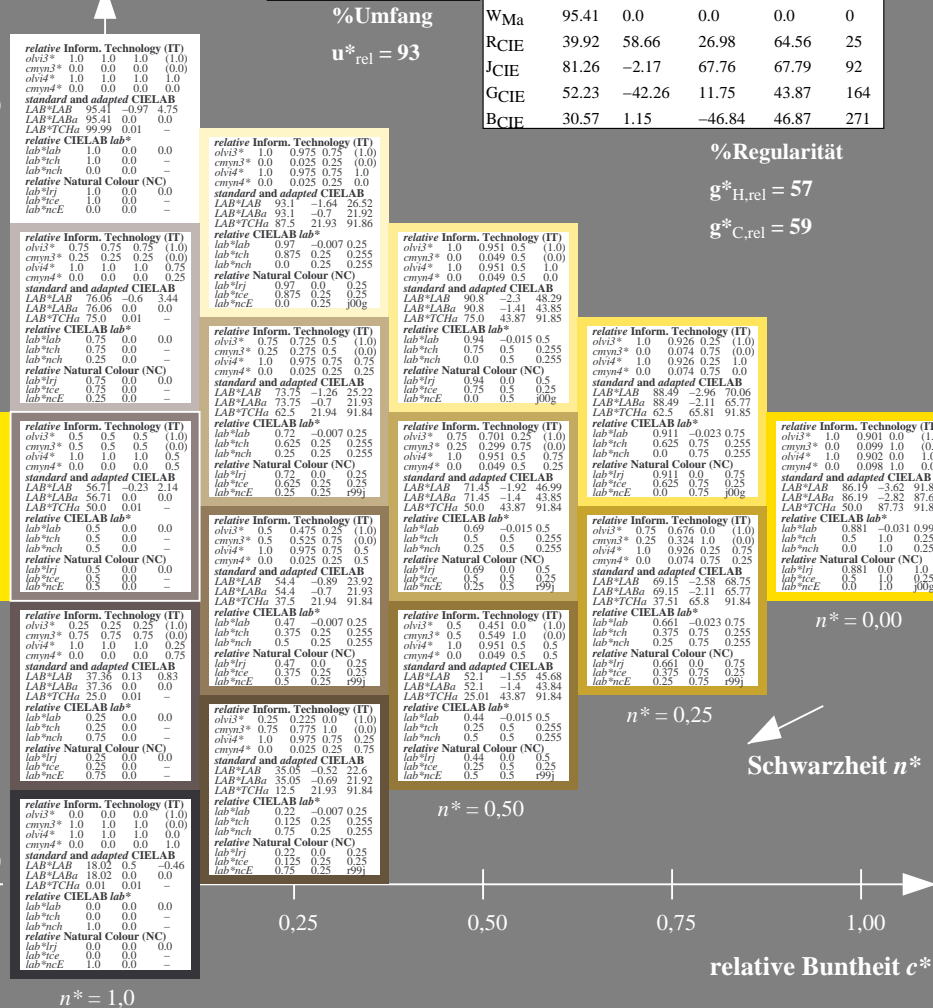
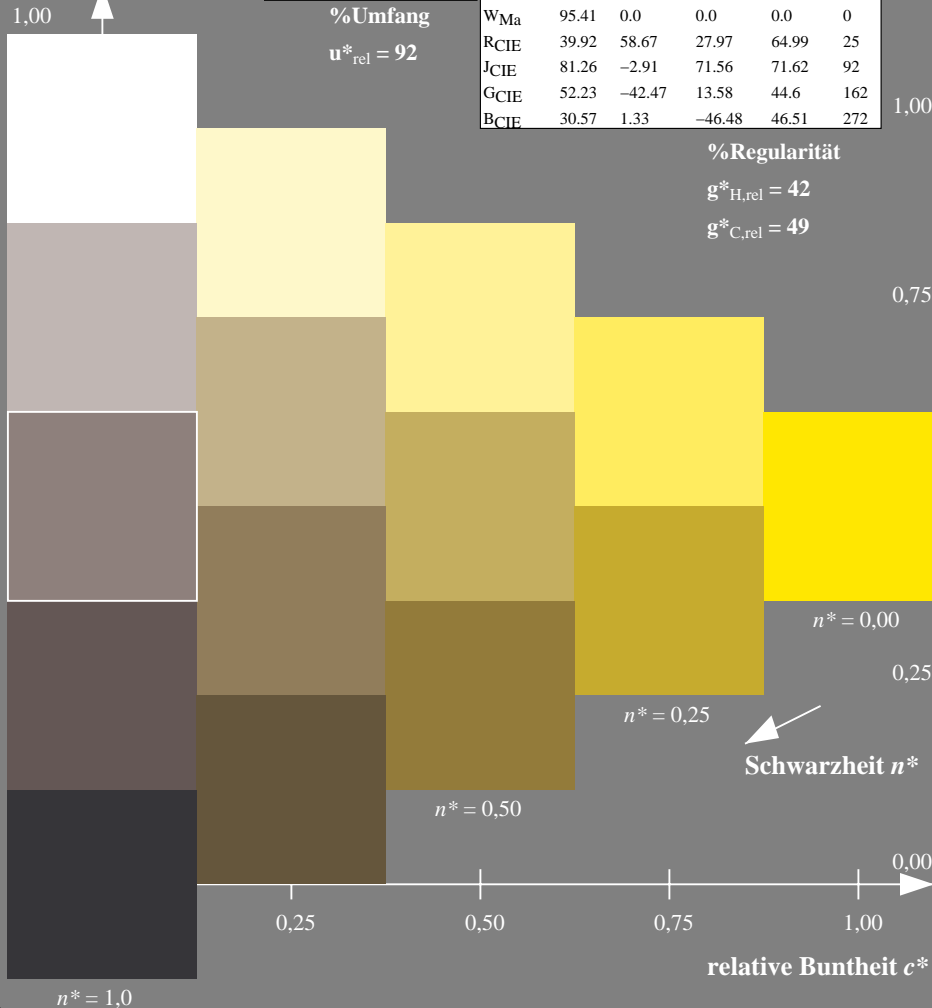
ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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
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

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

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



UG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

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

BAM-Prüfvorlage UG46; Farbmetrik-Systeme ORS18 & ORS18input: $cmY0^*$ setcmykcolor

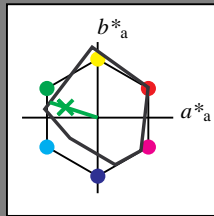
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend

Eingabe: Farbmetrisches Reflexions-System MRS18a

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

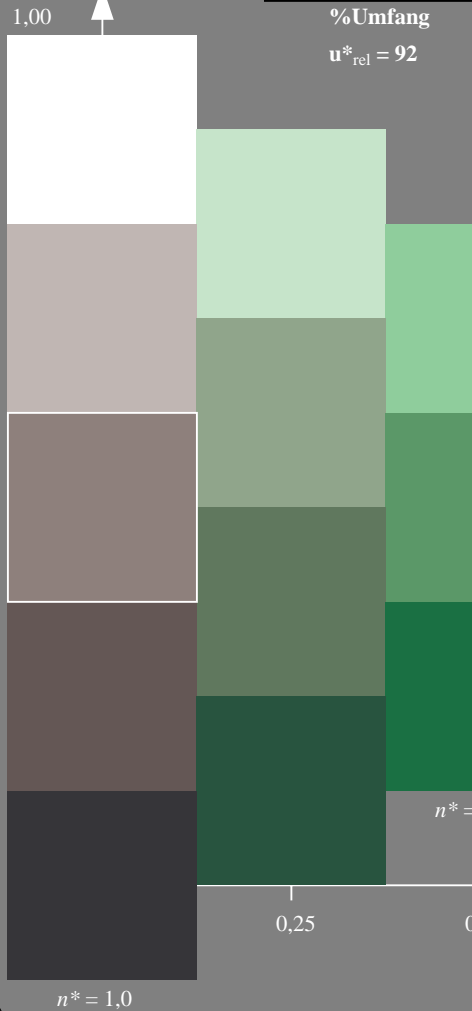
D65: Buntton G
LCH*Ma: 56 66 162
rgb*Ma: 0.11 1.0 0.0

Dreiecks-Helligkeit



MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50B _{Ma}	45.03	-36.65	-27.13	45.61	217
B _{Ma}	36.65	23.26	-62.27	66.49	290
B50R _{Ma}	34.94	57.27	-43.6	71.99	323
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	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272



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

relative Inform. Technology (IT)
 $obv^*_3 = 1.0$ 1.0 1.0 (1.0)
 $cmyn^*_3 = 0.0$ 0.0 0.0 (0.0)
 $obv^*_4 = 1.0$ 1.0 1.0 1.0
 $cmyn^*_4 = 0.0$ 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*TC_{Ha} 99.99 0.01 -

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

relative Inform. Technology (IT)
 $obv^*_3 = 0.75$ 0.75 0.75 (1.0)
 $cmyn^*_3 = 0.25$ 0.0 0.25 (0.0)
 $obv^*_4 = 1.0$ 1.0 1.0 1.0
 $cmyn^*_4 = 0.0$ 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*TC_{Ha} 75.0 0.01 -

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

relative Inform. Technology (IT)
 $obv^*_3 = 0.5$ 0.5 0.5 (0.0)
 $cmyn^*_3 = 0.5$ 0.5 0.5 (0.0)
 $obv^*_4 = 1.0$ 1.0 1.0 0.5
 $cmyn^*_4 = 0.0$ 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TC_{Ha} 50.0 0.01 -

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

relative Inform. Technology (IT)
 $obv^*_3 = 0.25$ 0.25 0.25 (1.0)
 $cmyn^*_3 = 0.75$ 0.75 0.75 (0.0)
 $obv^*_4 = 1.0$ 1.0 1.0 0.5
 $cmyn^*_4 = 0.0$ 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.36 0.13 3.83
LAB*LABa 37.36 0.0 0.0
LAB*TC_{Ha} 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*nch 0.25 0.0 -
lab*nch 0.75 0.0 0.5
 $cmyn^*_4 = 0.25$ 0.0 0.188 0.75
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TC_{Ha} 0.01 0.01 -

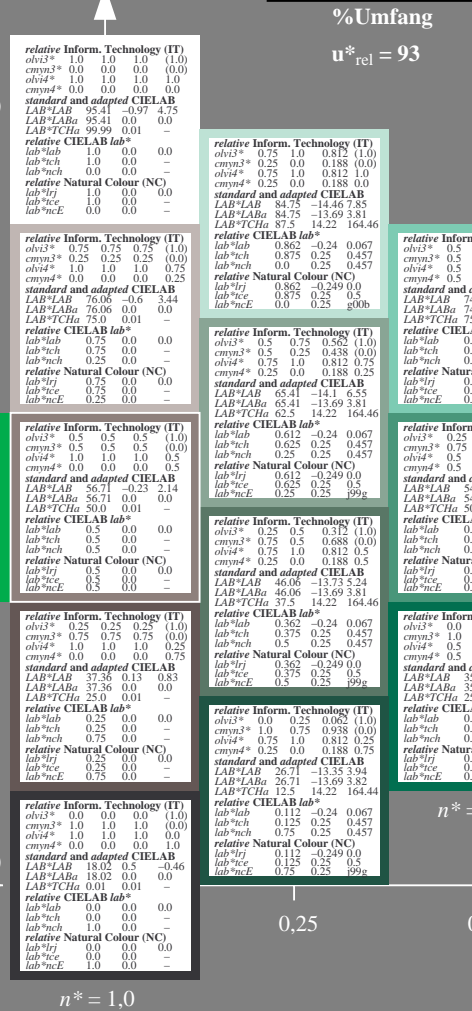
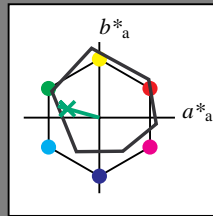
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*nce 0.0 0.0 -
lab*nce 1.0 0.0 -

Ausgabe: Farbmetrisches 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



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

relative Inform. Technology (IT)
 $obv^*_3 = 0.75$ 1.0 0.812 (1.0)
 $cmyn^*_3 = 0.25$ 0.0 0.188 (0.0)
 $obv^*_4 = 0.75$ 1.0 0.812 1.0
 $cmyn^*_4 = 0.0$ 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*TC_{Ha} 87.5 14.22 164.46

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*nch 0.875 0.25 0.457
lab*nch 0.0 0.25 0.457
relative Natural Colour (NC)
lab*trj 0.862 -0.249 0.0
lab*nce 0.875 0.25 0.5
lab*nce 0.0 0.25 0.90b

relative Inform. Technology (IT)
 $obv^*_3 = 0.5$ 0.75 0.5 (1.0)
 $cmyn^*_3 = 0.5$ 0.25 0.338 (0.0)
 $obv^*_4 = 0.75$ 1.0 0.812 0.75
 $cmyn^*_4 = 0.0$ 0.0 0.188 0.25
standard and adapted CIELAB
LAB*LAB 65.41 -14.1 6.55
LAB*LABa 65.41 -13.69 3.81
LAB*TC_{Ha} 62.5 14.22 164.46

relative CIELAB lab*
lab*lab 0.5 0.75 0.5 (1.0)
lab*nch 0.625 0.25 0.457
lab*nch 0.25 0.25 0.457
relative Natural Colour (NC)
lab*trj 0.612 -0.249 0.0
lab*nce 0.625 0.25 0.5
lab*nce 0.25 0.25 0.99b

relative Inform. Technology (IT)
 $obv^*_3 = 0.25$ 0.5 0.5 (0.0)
 $cmyn^*_3 = 0.75$ 0.5 0.688 (0.0)
 $obv^*_4 = 0.75$ 1.0 0.812 0.5
 $cmyn^*_4 = 0.25$ 0.0 0.188 0.5
standard and adapted CIELAB
LAB*LAB 46.06 -13.73 2.24
LAB*LABa 46.06 -13.69 3.81
LAB*TC_{Ha} 37.5 14.22 164.46

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.5
 $cmyn^*_4 = 0.25$ 0.0 0.188 0.5
standard and adapted CIELAB
LAB*LAB 26.71 0.13 3.83
LAB*LABa 26.71 -13.69 3.82
LAB*TC_{Ha} 12.5 14.22 164.46

relative Inform. Technology (IT)
 $obv^*_3 = 0.0$ 0.0 0.0 (1.0)
 $cmyn^*_3 = 1.0$ 1.0 1.0 (0.0)
 $obv^*_4 = 1.0$ 1.0 1.0 0.0
 $cmyn^*_4 = 0.0$ 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*TC_{Ha} 0.01 0.01 -

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

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

relative Inform. Technology (IT)
 $obv^*_3 = 0.5$ 1.0 0.623 (1.0)
 $cmyn^*_3 = 0.5$ 0.0 0.377 (0.0)
 $obv^*_4 = 0.5$ 1.0 0.623 1.0
 $cmyn^*_4 = 0.5$ 0.0 0.377 0.25
standard and adapted CIELAB
LAB*LAB 74.1 -27.39 7.62
LAB*LABa 74.1 -27.39 7.62
LAB*TC_{Ha} 75.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.725 -0.481 0.134
lab*nch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.725 -0.499 0.0
lab*nce 0.75 0.5 0.5
lab*nce 0.0 0.5 0.90b

relative Inform. Technology (IT)
 $obv^*_3 = 0.25$ 0.75 0.375 (1.0)
 $cmyn^*_3 = 0.75$ 0.25 0.623 (0.0)
 $obv^*_4 = 0.5$ 1.0 0.623 0.75
 $cmyn^*_4 = 0.5$ 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*TC_{Ha} 50.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.587 -0.721 0.201
lab*nch 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*nce 0.625 0.75 0.5
lab*nce 0.0 0.75 0.90b

relative Inform. Technology (IT)
 $obv^*_3 = 0.0$ 0.75 0.185 (1.0)
 $cmyn^*_3 = 1.0$ 0.25 0.815 (0.0)
 $obv^*_4 = 0.25$ 1.0 0.435 1.0
 $cmyn^*_4 = 0.75$ 0.0 0.565 0.0
standard and adapted CIELAB
LAB*LAB 44.11 -41.09 12.73
LAB*LABa 44.11 -41.09 11.44
LAB*TC_{Ha} 37.51 42.66 164.45

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*nch 0.375 0.75 0.457
lab*nch 0.25 0.75 0.457
relative Natural Colour (NC)
lab*trj 0.337 -0.749 0.0
lab*nce 0.375 0.75 0.5
lab*nce 0.25 0.75 0.99b

relative Inform. Technology (IT)
 $obv^*_3 = 0.0$ 0.5 0.877 (0.0)
 $cmyn^*_3 = 1.0$ 0.5 0.877 (0.0)
 $obv^*_4 = 0.5$ 1.0 0.623 0.5
 $cmyn^*_4 = 0.5$ 0.0 0.377 0.5
standard and adapted CIELAB
LAB*LAB 35.41 -27.28 3.34
LAB*LABa 35.41 -27.39 7.63
LAB*TC_{Ha} 25.01 28.44 164.45

relative CIELAB lab*
lab*lab 0.225 -0.481 0.134
lab*nch 0.25 0.5 0.457
lab*nch 0.5 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.225 -0.499 0.0
lab*nce 0.25 0.5 0.5
lab*nce 0.5 0.5 0.99b

UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

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

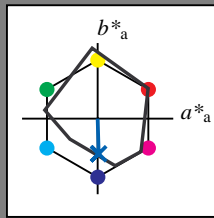
BAM-Prüfvorlage UG46; Farbmetrik-Systeme ORS18 & ORS18input: *cmY0* setcmYcolor*
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmetrisches Reflexions-System MRS18a

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

D65: Buntton B
LCH*Ma: 40 49 272
rgb*Ma: 0.0 0.36 1.0

Dreiecks-Helligkeit



MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50B _{Ma}	45.03	-36.65	-27.13	45.61	217
B _{Ma}	36.65	23.26	-62.27	66.49	290
B50R _{Ma}	34.94	57.27	-43.6	71.99	323
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	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

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

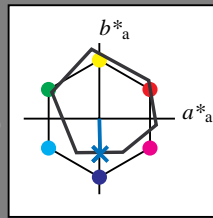
$g^*_{C,rel} = 49$

Ausgabe: Farbmetrisches 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



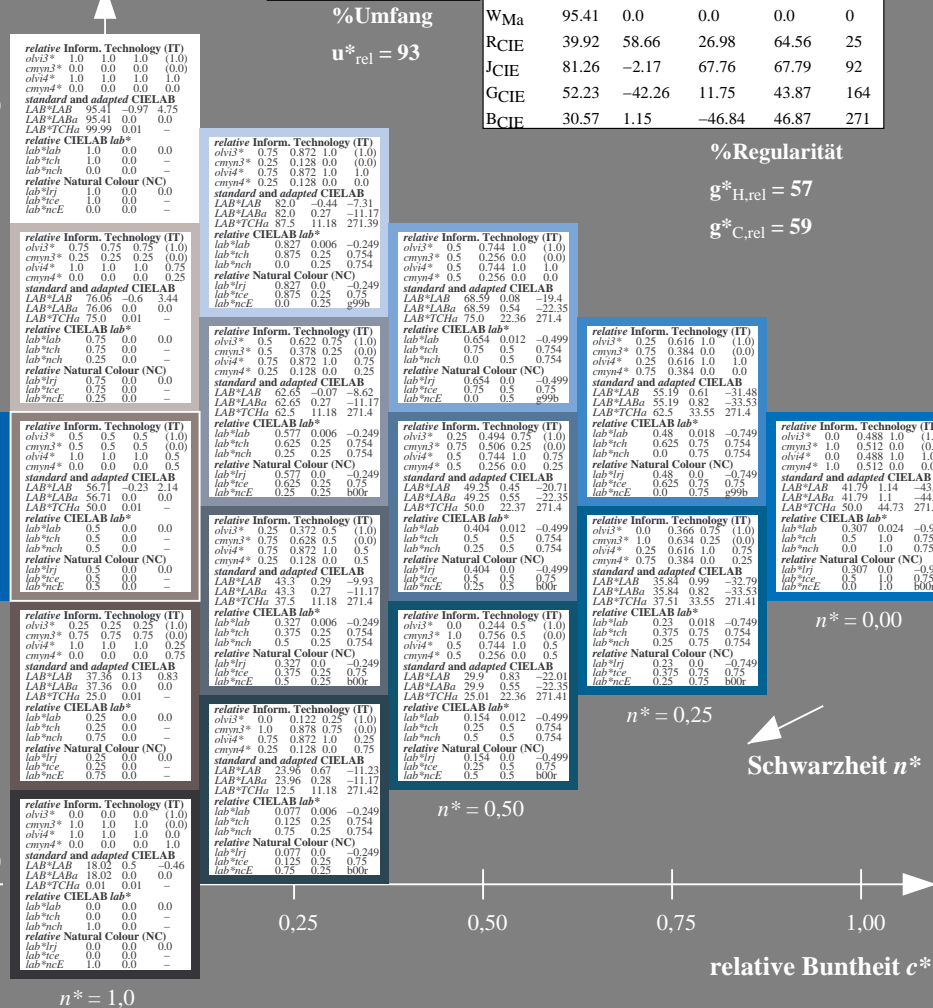
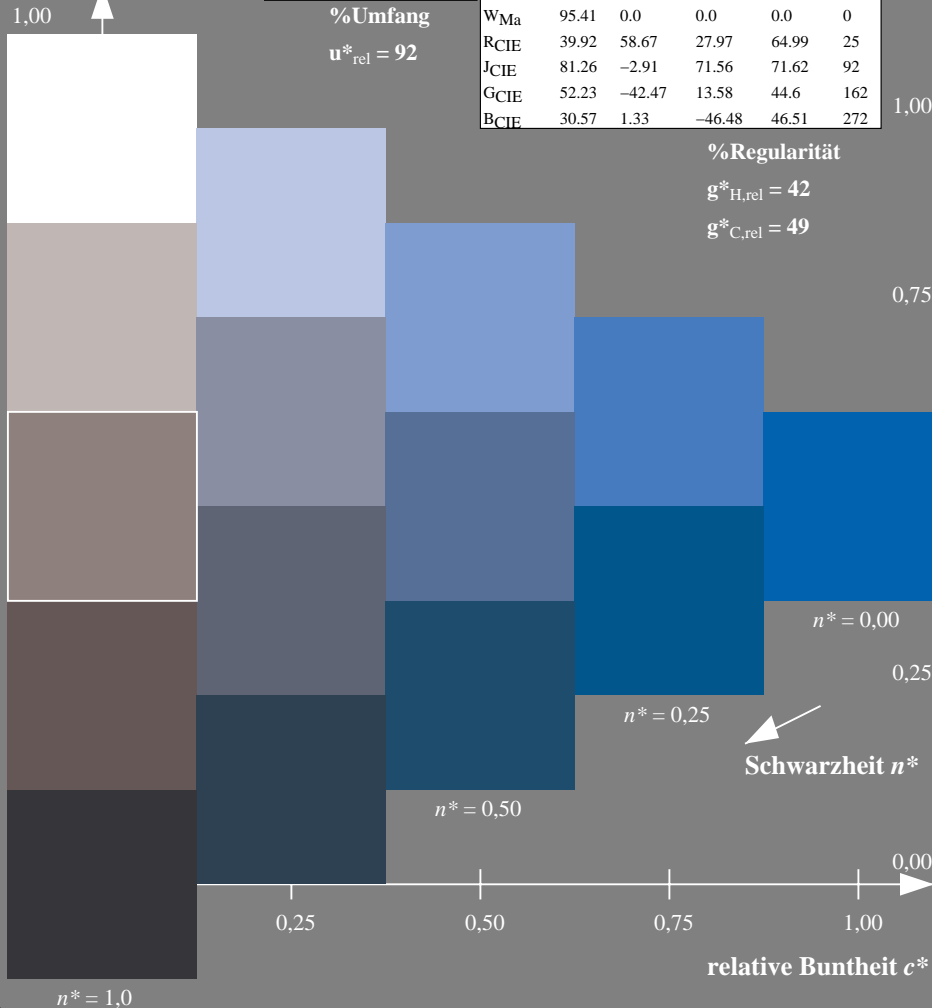
ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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
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

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

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



UG460-7, 5stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

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

BAM-Prüfvorlage UG46; Farbmetrik-Systeme ORS18 & ORS18input: $cmY0^*$ setcmYcolor

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