

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

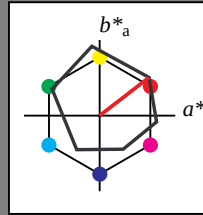
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

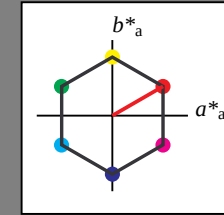
für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0

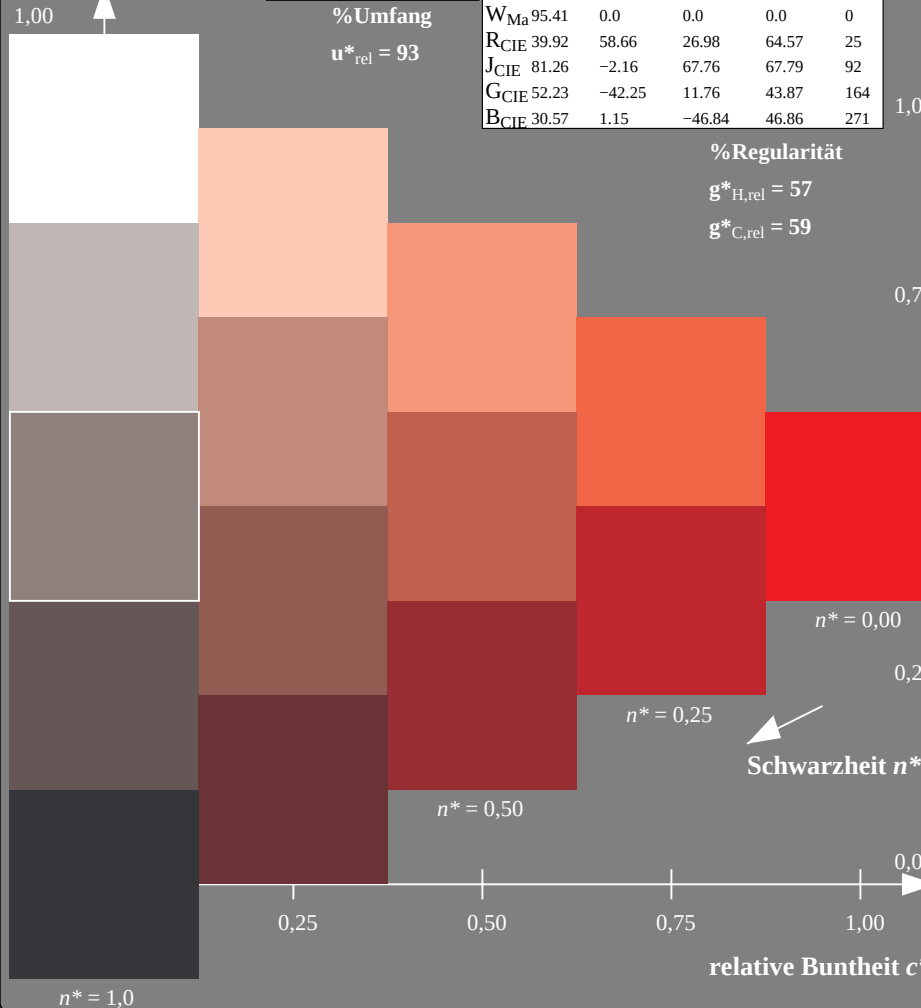
Dreiecks-Helligkeit



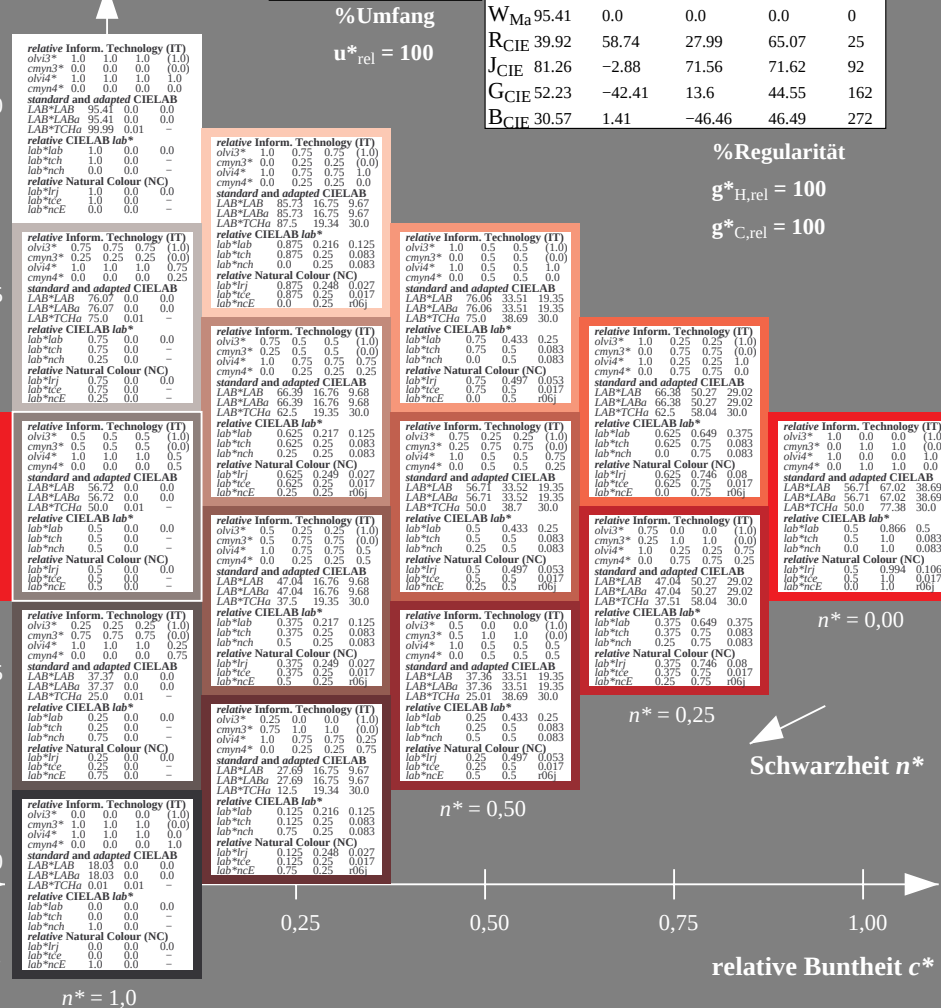
SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

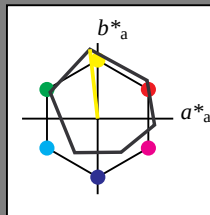
BAM-Prüfvorlage OG42; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

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

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*tch und lab^*nch D65: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

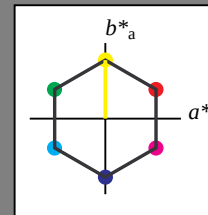
 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

1,00

Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 90/360 = 0.25$ lab^*tch und lab^*nch D65: Buntton Y
LCH*Ma: 57 77 90
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

1,00

Siehe ähnliche Dateien: <http://www.ps.bam.de/OG42/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0?BAM-Registrierung: 20060101-OG42/10S/S42G01SP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/OG42/ Form: 2/10, Serie: 1/1, Seite: 2
Seitenzahl 2

OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

BAM-Prüfvorlage OG42; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

5 stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (rechts)

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

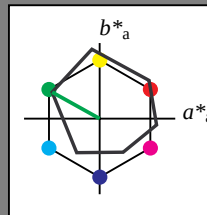
für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*tch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmimetrisches Standard-Reflektiv-System SRS18

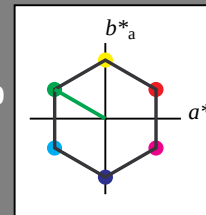
für Buntton $h^* = lab^*h = 150/360 = 0.417$ lab^*tch und lab^*nch

D65: Buntton L

LCH*Ma: 57 77 150

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

1,00

0,75

 $n^* = 0,00$

0,25

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

OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

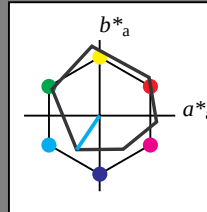
5 stufige Reihen für konstanten CIELAB Buntton 150/360 = 0.417 (rechts)

BAM-Prüfvorlage OG42; Farbmimetrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

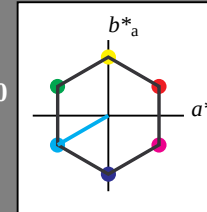
 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

1,00

Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 210/360 = 0.583$ lab^*tch und lab^*nch D65: Buntton C
LCH*Ma: 57 77 210
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



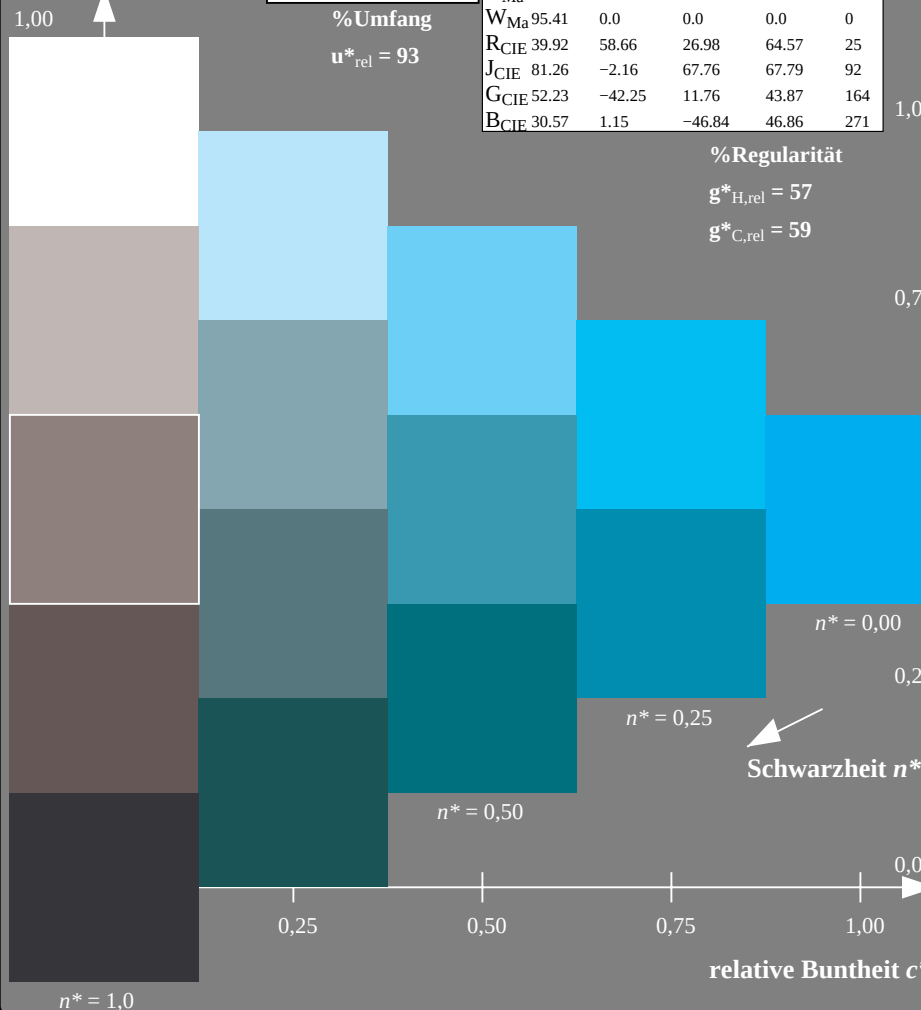
SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

1,00



OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

BAM-Prüfvorlage OG42; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmY3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 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 0.0relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmY3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*TCha 76.07 0.0 0.0
relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*tch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*tce 0.75 0.75 0.75 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmY3* 0.5 0.5 0.5 (1.0)
olvi4* 0.75 1.0 1.0 (1.0)
cmY4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 -16.75 -9.67
LAB*LABa 66.39 -16.75 -9.67
LAB*LABb 66.39 -16.75 -9.67
LAB*TCha 66.39 -16.75 -9.67
relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*tch 0.5 0.5 0.5 (1.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (1.0)
lab*tce 0.5 0.5 0.5 (1.0)
lab*nce 0.0 0.25 0.25 (0.0)relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmY3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 56.72 0.0 0.0
LAB*TCha 56.72 0.0 0.0
relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*tch 0.25 0.25 0.25 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (1.0)
lab*tce 0.25 0.25 0.25 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmY3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.0 0.0
LAB*TCha 37.37 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmY3* 1.0 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*TCha 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmY3* 1.0 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*TCha 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmY3* 1.0 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*TCha 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmY3* 1.0 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*TCha 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmY3* 1.0 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*TCha 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.75 1.0 1.0 (1.0)
cmY3* 0.25 0.0 0.0 (0.0)
olvi4* 0.75 1.0 1.0 (1.0)
cmY4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -16.74 -9.66
LAB*LABa 85.73 -16.74 -9.66
LAB*LABb 85.73 -16.74 -9.66
LAB*TCha 85.73 -16.74 -9.66
relative CIELAB lab*
lab*lab 0.75 1.0 1.0 (1.0)
lab*tch 0.75 1.0 1.0 (1.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 1.0 1.0 (1.0)
lab*tce 0.75 1.0 1.0 (1.0)
lab*nce 0.0 0.25 0.25 (0.0)relative Inform. Technology (IT)
olvi3* 0.5 1.0 1.0 (1.0)
cmY3* 0.5 0.0 0.0 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -33.5 -19.34
LAB*LABa 76.06 -33.5 -19.34
LAB*LABb 76.06 -33.5 -19.34
LAB*TCha 76.06 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.5 1.0 1.0 (1.0)
lab*tch 0.5 1.0 1.0 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 1.0 1.0 (1.0)
lab*tce 0.5 1.0 1.0 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
cmY3* 0.75 0.25 0.25 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -50.26 -29.01
LAB*LABa 66.38 -50.26 -29.01
LAB*LABb 66.38 -50.26 -29.01
LAB*TCha 66.38 -50.26 -29.01
relative CIELAB lab*
lab*lab 0.25 0.75 0.75 (1.0)
lab*tch 0.25 0.75 0.75 (1.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.75 0.75 (1.0)
lab*tce 0.25 0.75 0.75 (1.0)
lab*nce 0.0 0.25 0.25 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*TCha 56.71 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -50.26 -29.01
LAB*LABa 47.04 -50.26 -29.01
LAB*LABb 47.04 -50.26 -29.01
LAB*TCha 47.04 -50.26 -29.01
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*LABb 37.36 -33.5 -19.34
LAB*TCha 37.36 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*LABb 37.36 -33.5 -19.34
LAB*TCha 37.36 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*LABb 37.36 -33.5 -19.34
LAB*TCha 37.36 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*LABb 37.36 -33.5 -19.34
LAB*TCha 37.36 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.5 1.0 1.0 (1.0)
cmY3* 0.5 0.0 0.0 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -33.5 -19.34
LAB*LABa 76.06 -33.5 -19.34
LAB*LABb 76.06 -33.5 -19.34
LAB*TCha 76.06 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.5 1.0 1.0 (1.0)
lab*tch 0.5 1.0 1.0 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 1.0 1.0 (1.0)
lab*tce 0.5 1.0 1.0 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
cmY3* 0.75 0.25 0.25 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -50.26 -29.01
LAB*LABa 66.38 -50.26 -29.01
LAB*LABb 66.38 -50.26 -29.01
LAB*TCha 66.38 -50.26 -29.01
relative CIELAB lab*
lab*lab 0.25 0.75 0.75 (1.0)
lab*tch 0.25 0.75 0.75 (1.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.75 0.75 (1.0)
lab*tce 0.25 0.75 0.75 (1.0)
lab*nce 0.0 0.25 0.25 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*TCha 56.71 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -50.26 -29.01
LAB*LABa 47.04 -50.26 -29.01
LAB*LABb 47.04 -50.26 -29.01
LAB*TCha 47.04 -50.26 -29.01
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -19.34
LAB*LABa 37.36 -33.5 -19.34
LAB*LABb 37.36 -33.5 -19.34
LAB*TCha 37.36 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (1.0)
lab*tch 0.0 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5 (1.0)
lab*tce 0.0 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmY3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmY4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -33.5 -

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

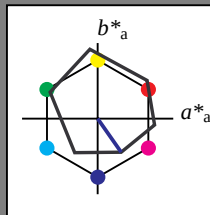
für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

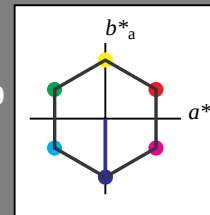
für Buntton $h^* = lab^*h = 270/360 = 0.75$ lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 57 77 270

olv*Ma: 0.0 0.0 1.0

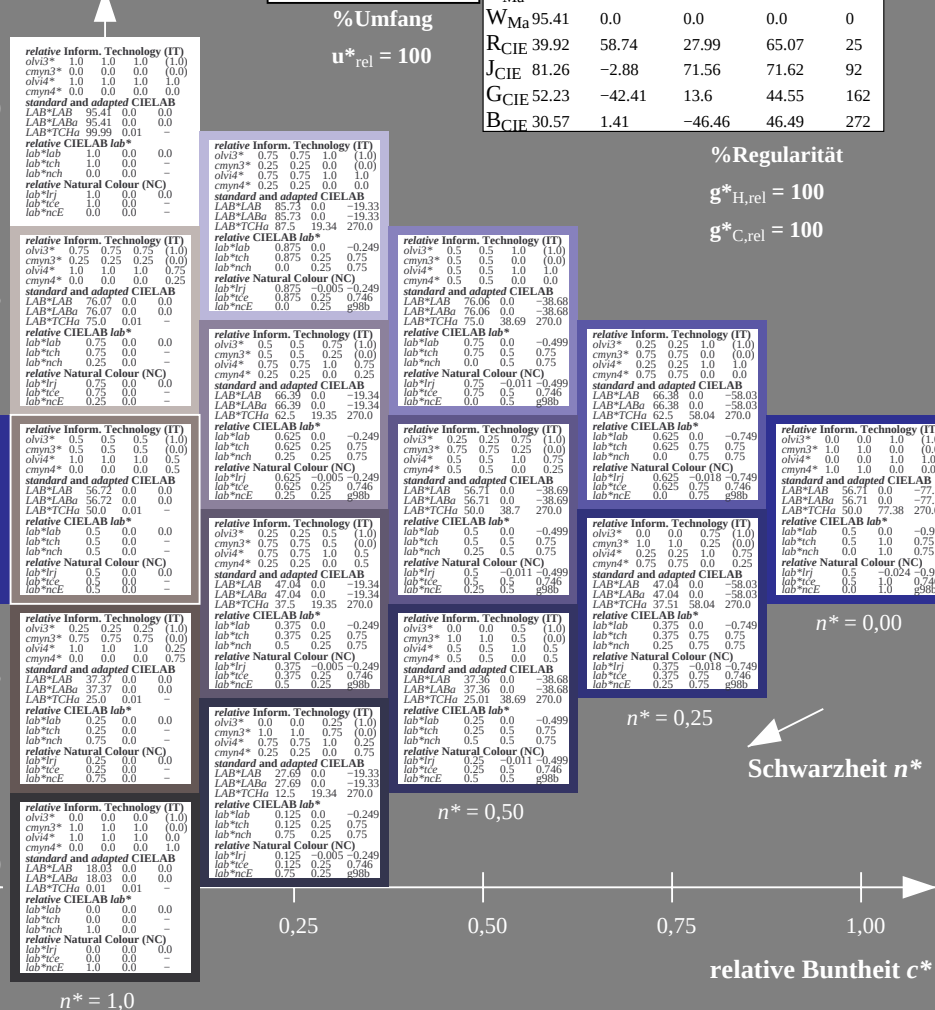
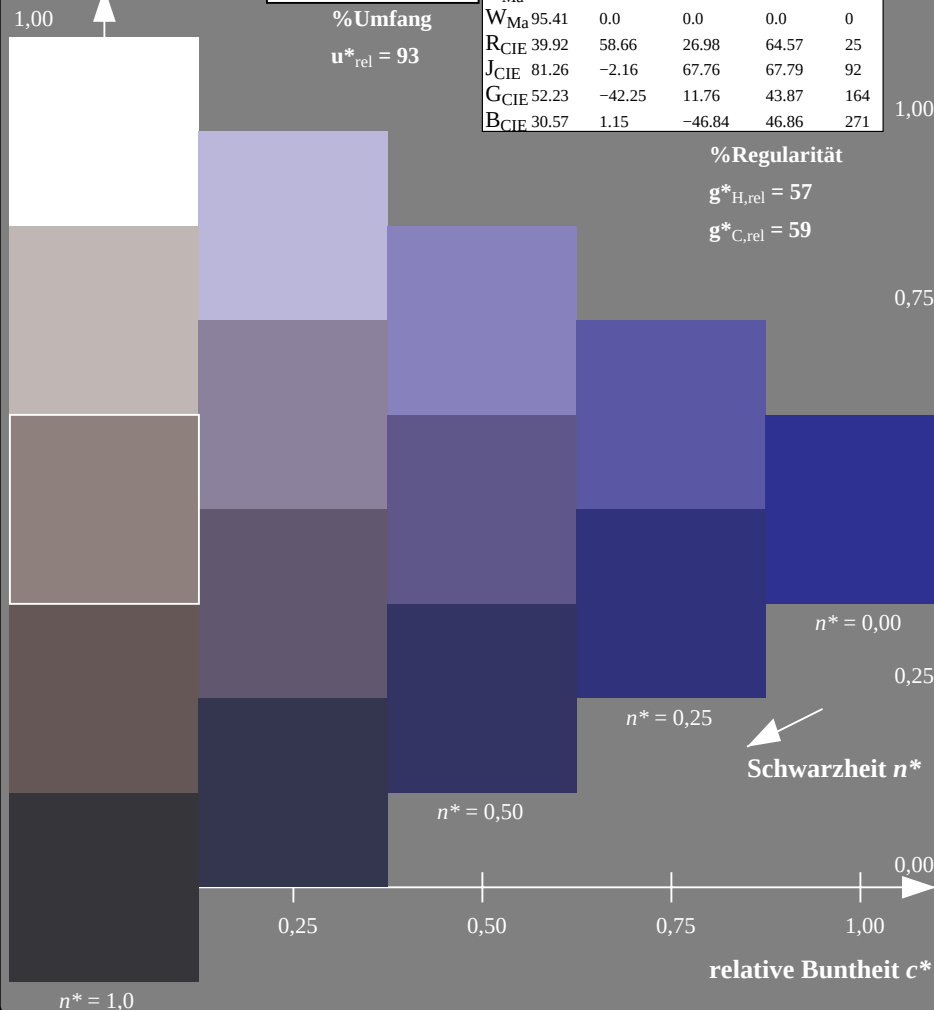
Dreiecks-Helligkeit



SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

OG42-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

5 stufige Reihen für konstanten CIELAB Buntton 270/360 = 0.75 (rechts)

BAM-Prüfvorlage OG42; Farbmetrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependent*

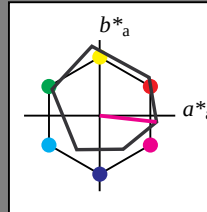
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

D65: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

1,00

relative Inform. Technology (IT)				
olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*LABb	95.41	0.0	0.0	
LAB*LABc	95.41	0.0	0.0	
LAB*LABd	95.41	0.0	0.0	
LAB*LABe	95.41	0.0	0.0	
LAB*LABf	95.41	0.0	0.0	
LAB*LABg	95.41	0.0	0.0	
LAB*LABh	95.41	0.0	0.0	
LAB*LABi	95.41	0.0	0.0	
LAB*LABj	95.41	0.0	0.0	
LAB*LABk	95.41	0.0	0.0	
LAB*LABl	95.41	0.0	0.0	
LAB*LABm	95.41	0.0	0.0	
LAB*LABn	95.41	0.0	0.0	
LAB*LABo	95.41	0.0	0.0	
LAB*LABp	95.41	0.0	0.0	
LAB*LABq	95.41	0.0	0.0	
LAB*LABr	95.41	0.0	0.0	
LAB*LABs	95.41	0.0	0.0	
LAB*LABt	95.41	0.0	0.0	
LAB*LABu	95.41	0.0	0.0	
LAB*LABv	95.41	0.0	0.0	
LAB*LABw	95.41	0.0	0.0	
LAB*LABx	95.41	0.0	0.0	
LAB*LABy	95.41	0.0	0.0	
LAB*LABz	95.41	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.75	0.75	0.75	(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	76.07	0.0	0.0	
LAB*LABa	76.07	0.0	0.0	
LAB*LABb	76.07	0.0	0.0	
LAB*LABc	76.07	0.0	0.0	
LAB*LABd	76.07	0.0	0.0	
LAB*LABe	76.07	0.0	0.0	
LAB*LABf	76.07	0.0	0.0	
LAB*LABg	76.07	0.0	0.0	
LAB*LABh	76.07	0.0	0.0	
LAB*LABi	76.07	0.0	0.0	
LAB*LABj	76.07	0.0	0.0	
LAB*LABk	76.07	0.0	0.0	
LAB*LABl	76.07	0.0	0.0	
LAB*LABm	76.07	0.0	0.0	
LAB*LABn	76.07	0.0	0.0	
LAB*LABo	76.07	0.0	0.0	
LAB*LABp	76.07	0.0	0.0	
LAB*LABq	76.07	0.0	0.0	
LAB*LABr	76.07	0.0	0.0	
LAB*LABs	76.07	0.0	0.0	
LAB*LABt	76.07	0.0	0.0	
LAB*LABu	76.07	0.0	0.0	
LAB*LABv	76.07	0.0	0.0	
LAB*LABw	76.07	0.0	0.0	
LAB*LABx	76.07	0.0	0.0	
LAB*LABy	76.07	0.0	0.0	
LAB*LABz	76.07	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	56.72	0.0	0.0	
LAB*LABa	56.72	0.0	0.0	
LAB*LABb	56.72	0.0	0.0	
LAB*LABc	56.72	0.0	0.0	
LAB*LABd	56.72	0.0	0.0	
LAB*LABe	56.72	0.0	0.0	
LAB*LABf	56.72	0.0	0.0	
LAB*LABg	56.72	0.0	0.0	
LAB*LABh	56.72	0.0	0.0	
LAB*LABi	56.72	0.0	0.0	
LAB*LABj	56.72	0.0	0.0	
LAB*LABk	56.72	0.0	0.0	
LAB*LABl	56.72	0.0	0.0	
LAB*LABm	56.72	0.0	0.0	
LAB*LABn	56.72	0.0	0.0	
LAB*LABo	56.72	0.0	0.0	
LAB*LABp	56.72	0.0	0.0	
LAB*LABq	56.72	0.0	0.0	
LAB*LABr	56.72	0.0	0.0	
LAB*LABs	56.72	0.0	0.0	
LAB*LABt	56.72	0.0	0.0	
LAB*LABu	56.72	0.0	0.0	
LAB*LABv	56.72	0.0	0.0	
LAB*LABw	56.72	0.0	0.0	
LAB*LABx	56.72	0.0	0.0	
LAB*LABy	56.72	0.0	0.0	
LAB*LABz	56.72	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	37.37	0.0	0.0	
LAB*LABa	37.37	0.0	0.0	
LAB*LABb	37.37	0.0	0.0	
LAB*LABc	37.37	0.0	0.0	
LAB*LABd	37.37	0.0	0.0	
LAB*LABe	37.37	0.0	0.0	
LAB*LABf	37.37	0.0	0.0	
LAB*LABg	37.37	0.0	0.0	
LAB*LABh	37.37	0.0	0.0	
LAB*LABi	37.37	0.0	0.0	
LAB*LABj	37.37	0.0	0.0	
LAB*LABk	37.37	0.0	0.0	
LAB*LABl	37.37	0.0	0.0	
LAB*LABm	37.37	0.0	0.0	
LAB*LABn	37.37	0.0	0.0	
LAB*LABo	37.37	0.0	0.0	
LAB*LABp	37.37	0.0	0.0	
LAB*LABq	37.37	0.0	0.0	
LAB*LABr	37.37	0.0	0.0	
LAB*LABs	37.37	0.0	0.0	
LAB*LABt	37.37	0.0	0.0	
LAB*LABu	37.37	0.0	0.0	
LAB*LABv	37.37	0.0	0.0	
LAB*LABw	37.37	0.0	0.0	
LAB*LABx	37.37	0.0	0.0	
LAB*LABy	37.37	0.0	0.0	
LAB*LABz	37.37	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	18.03	0.0	0.0	
LAB*LABa	18.03	0.0	0.0	
LAB*LABb	18.03	0.0	0.0	
LAB*LABc	18.03	0.0	0.0	
LAB*LABd	18.03	0.0	0.0	
LAB*LABe	18.03	0.0	0.0	
LAB*LABf	18.03	0.0	0.0	
LAB*LABg	18.03	0.0	0.0	
LAB*LABh	18.03	0.0	0.0	
LAB*LABi	18.03	0.0	0.0	
LAB*LABj	18.03	0.0	0.0	
LAB*LABk	18.03	0.0	0.0	
LAB*LABl	18.03	0.0	0.0	
LAB*LABm	18.03	0.0	0.0	
LAB*LABn	18.03	0.0	0.0	
LAB*LABo	18.03	0.0	0.0	
LAB*LABp	18.03	0.0	0.0	
LAB*LABq	18.03	0.0	0.0	
LAB*LABr	18.03	0.0	0.0	
LAB*LABs	18.03	0.0	0.0	
LAB*LABt	18.03	0.0	0.0	
LAB*LABu	18.03	0.0	0.0	
LAB*LABv	18.03	0.0	0.0	
LAB*LABw	18.03	0.0	0.0	
LAB*LABx	18.03	0.0	0.0	
LAB*LABy	18.03	0.0	0.0	
LAB*LABz	18.03	0.0	0.0	

relative Natural Colour (NC)

lab*lab

lab*tch

lab*nch

lab*trj

lab*trk

lab*trl

lab*trm

lab*trn

lab*tro

lab*trp

lab*trq

lab*trr

lab*trs

lab*trt

lab*tru

lab*trv

lab*trw

lab*trx

lab*try

lab*trz

lab*tr0

lab*tr1

lab*tr2

lab*tr3

lab*tr4

lab*tr5

lab*tr6

lab*tr7

lab*tr8

lab*tr9

lab*tra

lab*trb

lab*trc

lab*trd

lab*tre

lab*trf

lab*trg

lab*trh

lab*tri

lab*trj

lab*trk

lab*trl

lab*trm

lab*trn

lab*tro

lab*trp

lab*trq

lab*trr

lab*trs

lab*trt

lab*tru

lab*trv

lab*trw

lab*trx

lab*try

lab*trz

lab*tr0

lab*tr1

lab*tr2

lab*tr3

lab*tr4

lab*tr5

lab*tr6

lab*tr7

lab*tr8

lab*tr9

lab*tra

lab*trb

lab*trc

lab*trd

lab*tre

lab*trf

lab*trg

lab*trh

lab*tri

lab*trj

lab*trk

lab*trl

lab*trm

lab*trn

lab*tro

lab*trp

lab*trq

lab*trr

lab*trs

lab*trt

lab*tru

lab*trv

lab*trw

lab*trx

lab*try

lab*trz

lab*tr0

lab*tr1

lab*tr2

lab*tr3

lab*tr4

lab*tr5

lab*tr6

lab*tr7

lab*tr8

lab*tr9

lab*tra

lab*trb

lab*trc

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

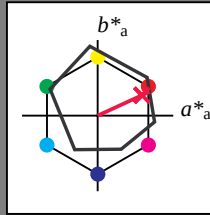
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

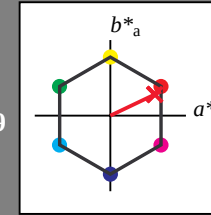
für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 57 74 25

olv*Ma: 1.0 0.0 0.09

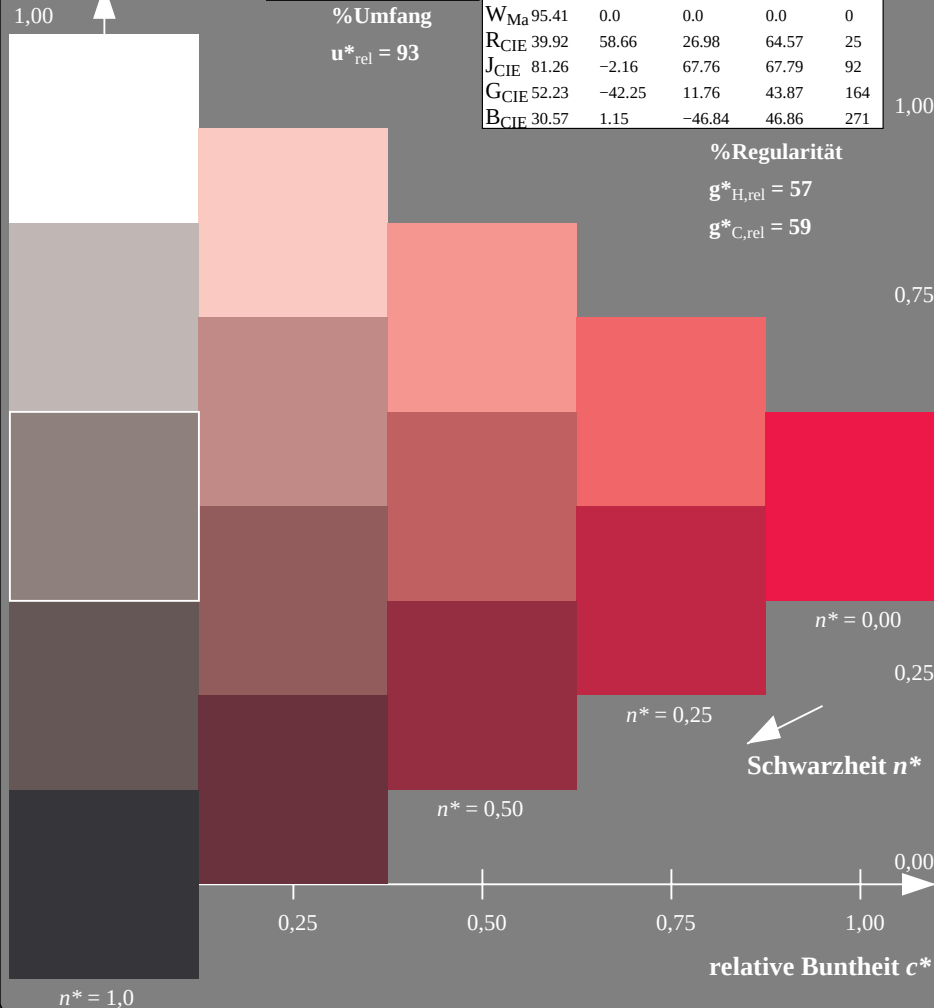
Dreiecks-Helligkeit



SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

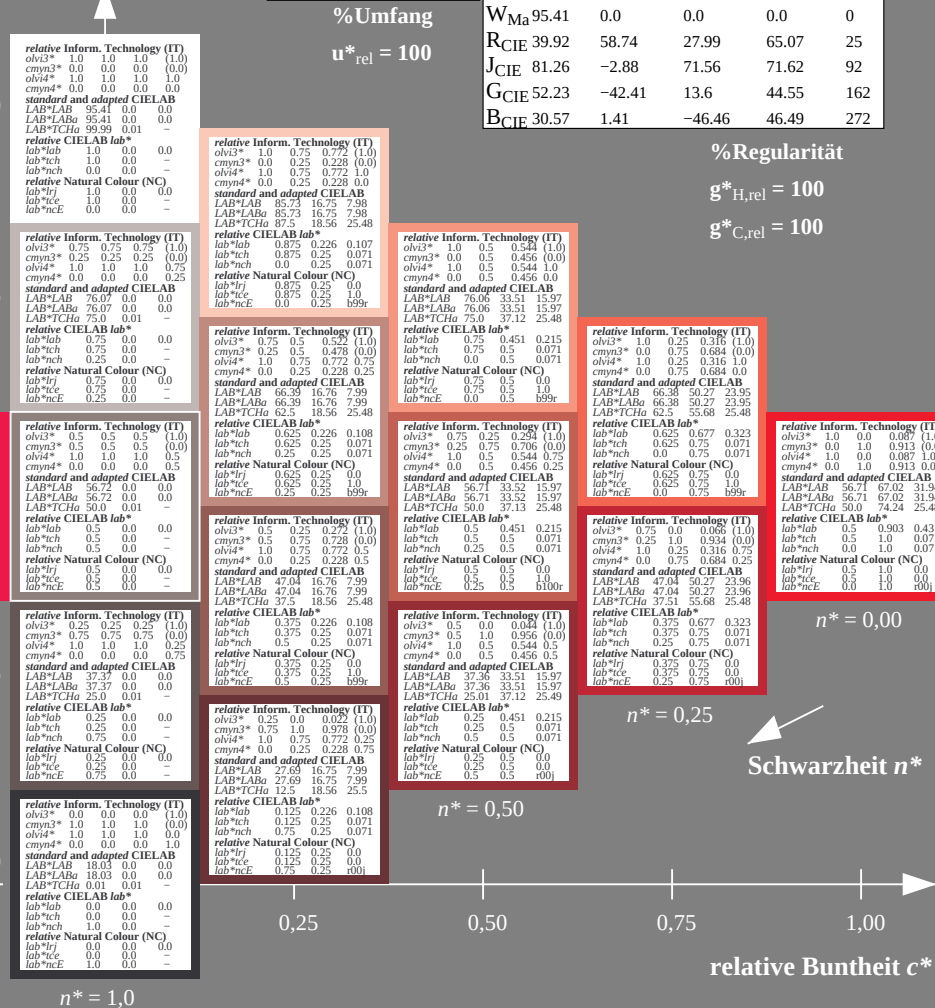
%Regularität

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

OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage OG42; Farbmatrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

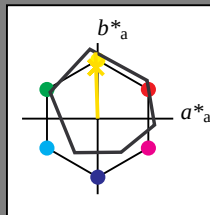


5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch D65: Buntton J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

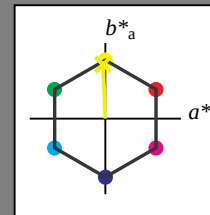
%Regularität

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

Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*tch und lab^*nch D65: Buntton J
LCH*Ma: 57 76 92
olv*Ma: 0.95 1.0 0.0

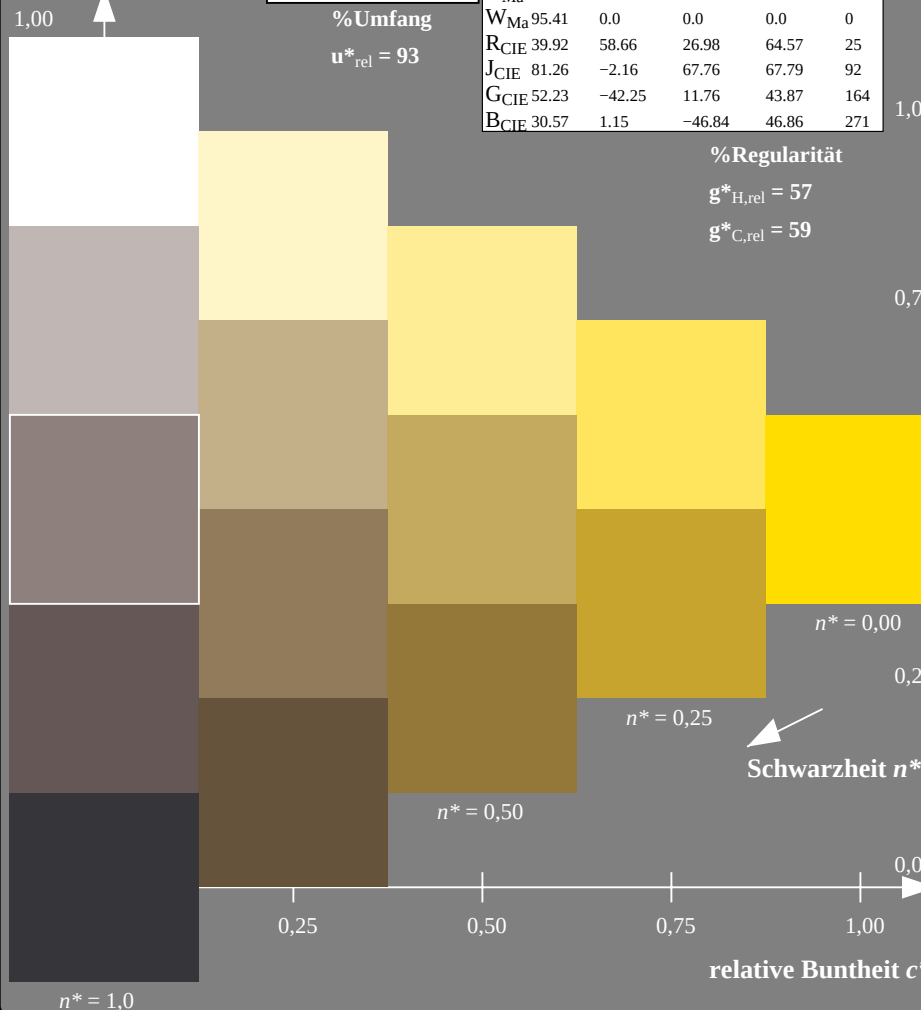
Dreiecks-Helligkeit



SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

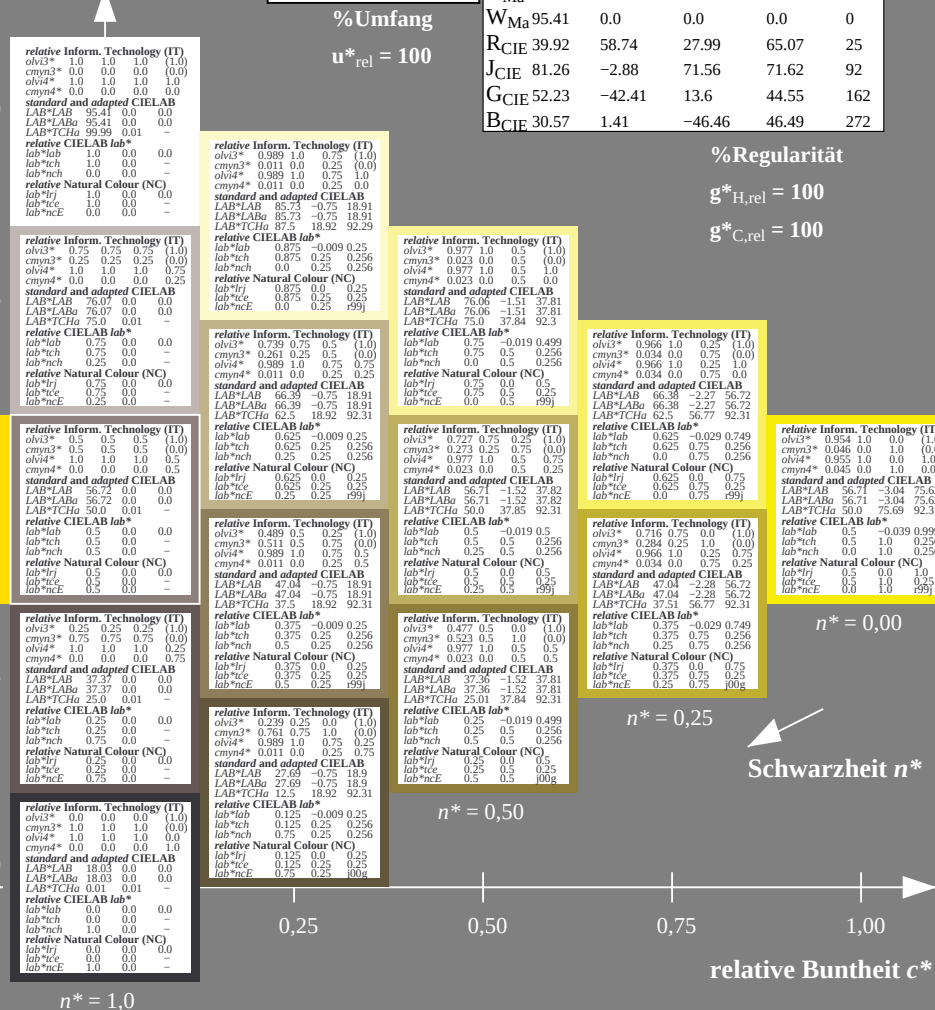
%Regularität

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

OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

BAM-Prüfvorlage OG42; Farbmatrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend



5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

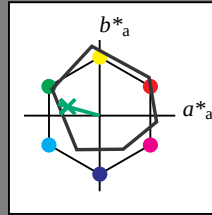
für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

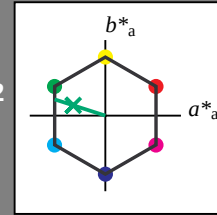
für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 57 70 162

olv*Ma: 0.0 1.0 0.22

Dreiecks-Helligkeit



SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

1,00

0,75

 $n^* = 0,00$

0,25

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

OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

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

BAM-Prüfvorlage OG42; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

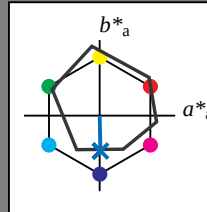
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Standard-Reflektiv-System SRS18

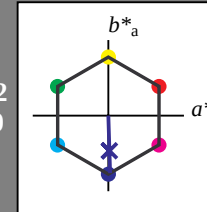
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 57 76 272

olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

1,00

0,75

 $n^* = 0,00$

0,25

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

OG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

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

BAM-Prüfvorlage OG42; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*