

Eingabe: Farbmatisches Reflexions-System MRS18a

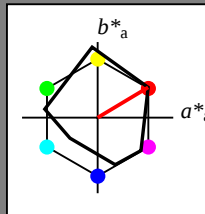
für Buntton $h^* = lab^*h = 31/360 = 0.086$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 50 78 31

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 92$

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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

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

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Ausgabe: Farbmatisches Reflexions-System ORS18

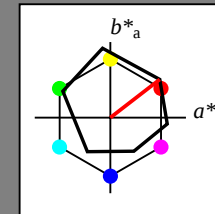
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

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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

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

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Siehe ähnliche Dateien: <http://www.ps.bam.de/TG46/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1?BAM-Registrierung: 20060101-TG46/10S/S46G00SP.PS/.PDF BAM-Material: Code=thata
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

JTG46 Form 1/10, Serie 1/1, Seite 1

Seitenhang 1

TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 31/360 = 0.086 (links)

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

BAM-Prüfvorlage TG46; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18a

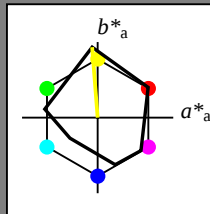
für Buntton $h^* = lab^*h = 94/360 = 0.262$ lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 91 93 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



MRS18a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.262 (links)

BAM-Prüfvorlage TG46; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System ORS18

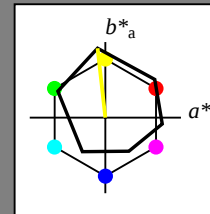
für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

relative Inform. Technology (IT)					
olv^*_3	1.0	1.0	1.0	(1.0)	
$cmyn^*_3$	0.0	0.0	0.0	(0.0)	
olv^*_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^*TCh	99.99	0.01			
relative CIELAB lab*					
lab^*lab	1.0	0.0	0.0		
lab^*tch	1.0	0.0	0.0		
lab^*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	1.0	0.0	0.0		
lab^*tce	1.0	0.0	0.0		
lab^*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olv^*_3	0.75	0.75	0.75	(1.0)	
$cmyn^*_3$	0.25	0.25	0.25	(0.0)	
olv^*_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	76.06	-0.6	3.44		
LAB^*TCh	75.0	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^*trj	0.75	0.0	0.0		
lab^*tce	0.75	0.0	0.0		
lab^*nce	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olv^*_3	0.5	0.5	0.5	(1.0)	
$cmyn^*_3$	0.5	0.5	0.5	(0.0)	
olv^*_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	56.71	0.23	2.14		
LAB^*TCh	50.0	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^*trj	0.5	0.0	0.0		
lab^*tce	0.5	0.0	0.0		
lab^*nce	0.5	0.0	0.0		

relative Inform. Technology (IT)					
olv^*_3	0.25	0.25	0.25	(1.0)	
$cmyn^*_3$	0.75	0.75	0.75	(0.0)	
olv^*_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	37.36	0.13	0.83		
LAB^*TCh	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^*trj	0.25	0.0	0.0		
lab^*tce	0.25	0.0	0.0		
lab^*nce	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olv^*_3	0.0	0.0	0.0	(1.0)	
$cmyn^*_3$	1.0	1.0	1.0	(0.0)	
olv^*_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	18.02	0.5	-0.46		
LAB^*TCh	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^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

 $n^* = 1,0$

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

relative Inform. Technology (IT)					
olv^*_3	1.0	1.0	0.75	(1.0)	
$cmyn^*_3$	0.0	0.0	0.25	(0.0)	
olv^*_4	1.0	1.0	0.75	(1.0)	
$cmyn^*_4$	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB^*LAB	94.14	-3.51	27.61		
LAB^*TCh	94.14	-2.56	22.94		
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	0.25		
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	0.25		

relative Inform. Technology (IT)					
olv^*_3	0.75	0.75	0.5	(1.0)	
$cmyn^*_3$	0.25	0.25	0.5	(0.0)	
olv^*_4	1.0	1.0	0.75	(1.0)	
$cmyn^*_4$	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB^*LAB	74.8	-3.14	26.31		
LAB^*TCh	74.8	-2.56	22.94		
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	0.5		
relative Natural Colour (NC)					
lab^*trj	0.75	0.0	0.0		
lab^*tce	0.75	0.0	0.0		
lab^*nce	0.25	0.0	0.5		

relative Inform. Technology (IT)					
olv^*_3	0.5	0.5	0.5	(1.0)	
$cmyn^*_3$	0.5	0.5	0.5	(0.0)	
olv^*_4	1.0	1.0	0.75	(1.0)	
$cmyn^*_4$	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB^*LAB	55.45	-2.77	25.0		
LAB^*TCh	55.45	-2.56	22.94		
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	0.5		
relative Natural Colour (NC)					
lab^*trj	0.5	0.0	0.0		
lab^*tce	0.5	0.0	0.0		
lab^*nce	0.5	0.0	0.5		

relative Inform. Technology (IT)					
olv^*_3	0.25	0.25	0.25	(1.0)	
$cmyn^*_3$	0.75	0.75	0.75	(0.0)	
olv^*_4	1.0	1.0	0.75	(1.0)	
$cmyn^*_4$	0.0	0.0	0.25	(0.0)	
standard and adapted CIELAB					
LAB^*LAB	36.74	23.69			
LAB^*TCh	36.1	-2.56	22.93		
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	0.25		
relative Natural Colour (NC)					
lab^*trj	0.25	0.0	0.0		
lab^*tce	0.25	0.0	0.0		
lab^*nce	0.75	0.0	0.25		

relative Inform. Technology (IT)					
olv^*_3	0.0	0.0	0.0	(1.0)	
$cmyn^*_3$	1.0	1.0	1.0	(0.0)	
olv^*_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	18.02	0.5	-0.46		
LAB^*TCh	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^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

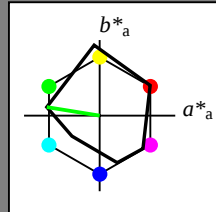
relative Inform. Technology (IT)				
olv^*_3	1.0	1.0	0.5	(1.0)
$cmyn^*_3$	0.0	0.0	0.5	(0.0)
olv^*_4	1.0	1.0	0.5	1.0
$cmyn^*_4$	0.0	0.0	0.5	0.0
standard and adapted CIELAB				
LAB^*LAB	92.88	-6.06	50.46	
LAB^*TCh	92.88	-5.13	45.87	
LAB^*TCh	75.0	45.16	96.30	

Eingabe: Farbmatisches 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

1,00



% 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

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

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		
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	76.06	-0.6	3.44		
LAB*LABa	76.06	0.0	0.0		
LAB*LABb	76.06	0.0	0.0		
LAB*LABc	76.06	0.0	0.0		
LAB*LABd	76.06	0.0	0.0		
LAB*LABe	76.06	0.0	0.0		
LAB*LABf	76.06	0.0	0.0		
LAB*LABg	76.06	0.0	0.0		
LAB*LABh	76.06	0.0	0.0		
LAB*LABi	76.06	0.0	0.0		
LAB*LABj	76.06	0.0	0.0		
LAB*LABk	76.06	0.0	0.0		
LAB*LABl	76.06	0.0	0.0		
LAB*LABm	76.06	0.0	0.0		
LAB*LABn	76.06	0.0	0.0		
LAB*LABo	76.06	0.0	0.0		
LAB*LABp	76.06	0.0	0.0		
LAB*LABq	76.06	0.0	0.0		
LAB*LABr	76.06	0.0	0.0		
LAB*LABs	76.06	0.0	0.0		
LAB*LABt	76.06	0.0	0.0		
LAB*LABu	76.06	0.0	0.0		
LAB*LABv	76.06	0.0	0.0		
LAB*LABw	76.06	0.0	0.0		
LAB*LABx	76.06	0.0	0.0		
LAB*LABy	76.06	0.0	0.0		
LAB*LABz	76.06	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		
LAB*LABc	56.71	0.0	0.0		
LAB*LABd	56.71	0.0	0.0		
LAB*LABe	56.71	0.0	0.0		
LAB*LABf	56.71	0.0	0.0		
LAB*LABg	56.71	0.0	0.0		
LAB*LABh	56.71	0.0	0.0		
LAB*LABi	56.71	0.0	0.0		
LAB*LABj	56.71	0.0	0.0		
LAB*LABk	56.71	0.0	0.0		
LAB*LABl	56.71	0.0	0.0		
LAB*LABm	56.71	0.0	0.0		
LAB*LABn	56.71	0.0	0.0		
LAB*LABo	56.71	0.0	0.0		
LAB*LABp	56.71	0.0	0.0		
LAB*LABq	56.71	0.0	0.0		
LAB*LABr	56.71	0.0	0.0		
LAB*LABs	56.71	0.0	0.0		
LAB*LABt	56.71	0.0	0.0		
LAB*LABu	56.71	0.0	0.0		
LAB*LABv	56.71	0.0	0.0		
LAB*LABw	56.71	0.0	0.0		
LAB*LABx	56.71	0.0	0.0		
LAB*LABy	56.71	0.0	0.0		
LAB*LABz	56.71	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		
LAB*LABc	37.36	0.0	0.0		
LAB*LABd	37.36	0.0	0.0		
LAB*LABe	37.36	0.0	0.0		
LAB*LABf	37.36	0.0	0.0		
LAB*LABg	37.36	0.0	0.0		
LAB*LABh	37.36	0.0	0.0		
LAB*LABi	37.36	0.0	0.0		
LAB*LABj	37.36	0.0	0.0		
LAB*LABk	37.36	0.0	0.0		
LAB*LABl	37.36	0.0	0.0		
LAB*LABm	37.36	0.0	0.0		
LAB*LABn	37.36	0.0	0.0		
LAB*LABo	37.36	0.0	0.0		
LAB*LABp	37.36	0.0	0.0		
LAB*LABq	37.36	0.0	0.0		
LAB*LABr	37.36	0.0	0.0		
LAB*LABs	37.36	0.0	0.0		
LAB*LABt	37.36	0.0	0.0		
LAB*LABu	37.36	0.0	0.0		
LAB*LABv	37.36	0.0	0.0		
LAB*LABw	37.36	0.0	0.0		
LAB*LABx	37.36	0.0	0.0		
LAB*LABy	37.36	0.0	0.0		
LAB*LABz	37.36	0.0	0.0		

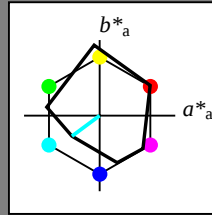
relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmyn4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.46		
LAB*LABa	18.02	0.0	0.0		
LAB*LABb	18.02	0.0	0.0		
LAB*LABc	18.02	0.0	0.0		
LAB*LABd	18.02	0.0	0.0		
LAB*LABe	18.02	0.0	0.0		
LAB*LABf	18.02	0.0	0.0		
LAB*LABg	18.02	0.0	0.0		
LAB*LABh	18.02	0.0	0.0		
LAB*LABi	18.02	0.0	0.0		
LAB*LABj	18.02	0.0	0.0		
LAB*LABk	18.02	0.0	0.0		
LAB*LABl	18.02	0.0	0.0		
LAB*LABm	18.02	0.0	0.0		
LAB*LABn	18.02	0.0	0.0		
LAB*LABo	18.02	0.0	0.0		
LAB*LABp	18.02	0.0	0.0		
LAB*LABq	18.02	0.0	0.0		
LAB*LABr	18.02	0.0	0.0		
LAB*LABs	18.02	0.0	0.0		
LAB*LABt	18.02	0.0	0.0		
LAB*LABu	18.02	0.0	0.0		
LAB*LABv	18.02	0.0	0.0		
LAB*LABw	18.02	0.0	0.0		
LAB*LABx	18.02	0.0	0.0		
LAB*LABy	18.02	0.0	0.0		
LAB*LABz	18.02	0.0	0.0		

 $n^* = 1.0$ relative Buntheit c^*

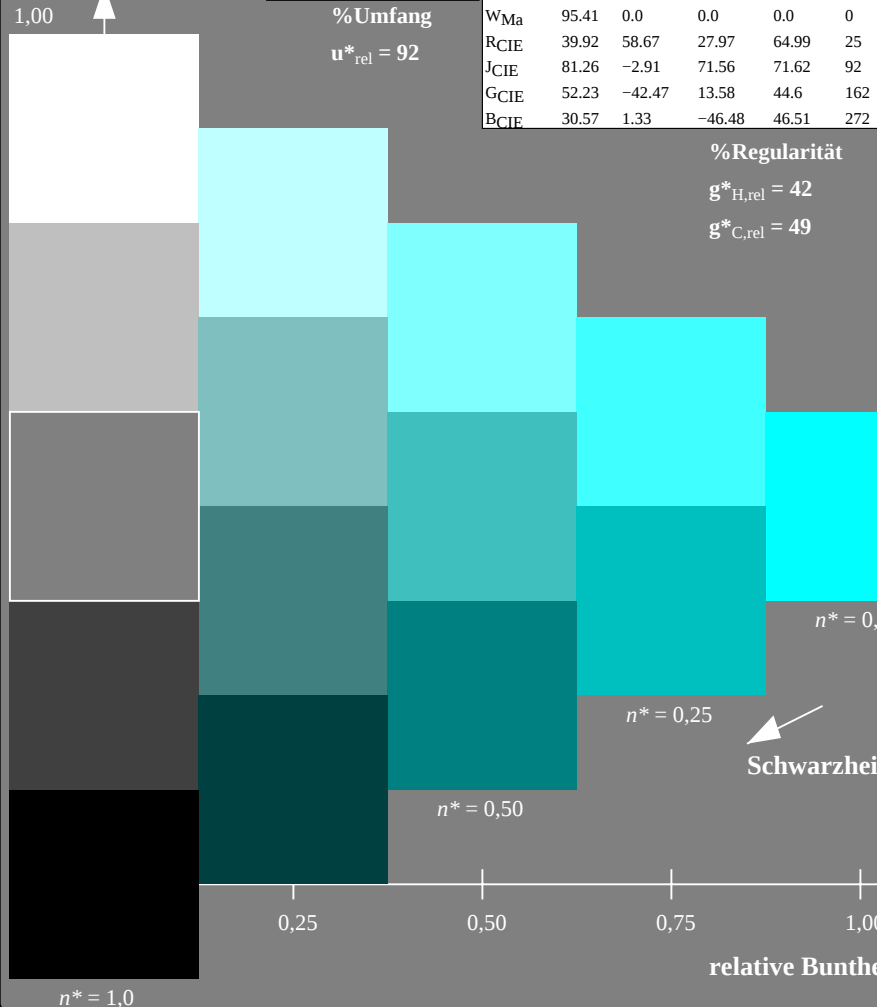
Eingabe: Farbmatisches Reflexions-System MRS18a

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



%Umfang

 $u^*_{rel} = 92$ 

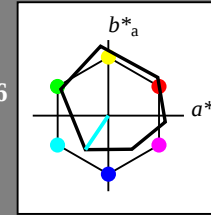
TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 217/360 = 0.601 (links)

BAM-Prüfvorlage TG46; Farbmatisches Reflexions-System ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

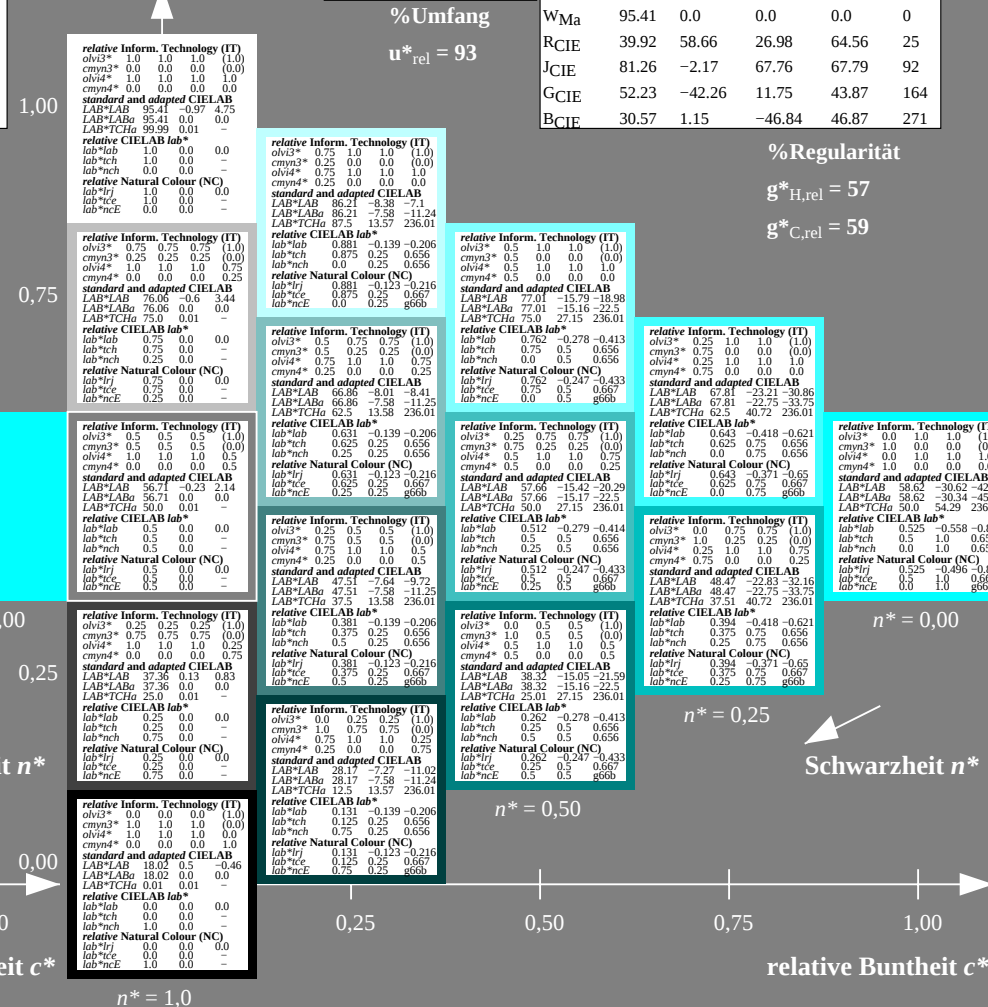
Ausgabe: Farbmatisches Reflexions-System ORS18

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



%Umfang

 $u^*_{rel} = 93$ 

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

Eingabe: Farbmatisches Reflexions-System MRS18a

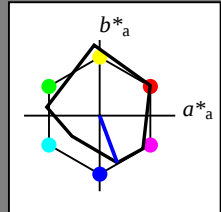
für Buntton $h^* = lab^*h = 290/360 = 0.807$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 37 66 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Reflexions-System ORS18

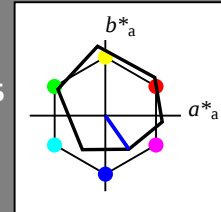
für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



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

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

0,75

0,50

0,25

0,00

0,25

0,50

0,75

1,00

1,00

1,00

relative Inform. Technology (IT)	olvi3*	0.75	0.75	1.0	(1.0)
	cmyn3*	0.25	0.25	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	58.63	7.78	-11.09	
	LAB*TCha	87.5	13.55	305.0	
relative CIELAB lab*	lab*lab	0.75	0.75	1.0	(1.0)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.75	0.112	-0.222	
	lab*tce	0.75	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.5	0.5	1.0	(1.0)
	cmyn3*	0.5	0.5	0.0	(0.0)
	olvi4*	0.75	0.75	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	62.5	13.56	305.0	
relative CIELAB lab*	lab*lab	0.5	0.5	1.0	(1.0)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.5	0.112	-0.222	
	lab*tce	0.5	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.25	0.25	0.5	(0.5)
	cmyn3*	0.75	0.75	0.5	(0.5)
	olvi4*	0.75	0.75	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	37.5	13.56	305.0	
relative CIELAB lab*	lab*lab	0.25	0.25	0.5	(0.5)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.25	0.112	-0.222	
	lab*tce	0.25	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.0	0.0	0.5	(0.5)
	cmyn3*	1.0	1.0	0.5	(0.5)
	olvi4*	1.0	1.0	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	12.5	13.55	305.0	
relative CIELAB lab*	lab*lab	0.0	0.0	0.5	(0.5)
	lab*tch	0.25	0.25	0.824	
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.0	0.0	0.112	
	lab*tce	0.0	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

 $n^* = 1,0$

relative Inform. Technology (IT)	olvi3*	0.75	0.75	1.0	(1.0)
	cmyn3*	0.25	0.25	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	58.63	7.78	-11.09	
	LAB*TCha	87.5	13.55	305.0	
relative CIELAB lab*	lab*lab	0.75	0.75	1.0	(1.0)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.75	0.112	-0.222	
	lab*tce	0.75	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.5	0.5	1.0	(1.0)
	cmyn3*	0.5	0.5	0.0	(0.0)
	olvi4*	0.75	0.75	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	62.5	13.56	305.0	
relative CIELAB lab*	lab*lab	0.5	0.5	1.0	(1.0)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.5	0.112	-0.222	
	lab*tce	0.5	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.25	0.25	0.5	(0.5)
	cmyn3*	0.75	0.75	0.5	(0.5)
	olvi4*	0.75	0.75	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	37.5	13.56	305.0	
relative CIELAB lab*	lab*lab	0.25	0.25	0.5	(0.5)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.25	0.112	-0.222	
	lab*tce	0.25	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.0	0.0	0.5	(0.5)
	cmyn3*	1.0	1.0	0.5	(0.5)
	olvi4*	1.0	1.0	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	12.5	13.55	305.0	
relative CIELAB lab*	lab*lab	0.0	0.0	0.5	(0.5)
	lab*tch	0.25	0.25	0.824	
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.0	0.0	0.112	
	lab*tce	0.0	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

 $n^* = 1,0$

relative Inform. Technology (IT)	olvi3*	0.5	0.5	1.0	(1.0)
	cmyn3*	0.5	0.5	0.0	(0.0)
	olvi4*	0.75	0.75	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	60.56	15.24	-19.79	
relative CIELAB lab*	lab*lab	0.5	0.5	1.0	(1.0)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.5	0.225	-0.446	
	lab*tce	0.5	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.25	0.25	0.5	(0.5)
	cmyn3*	0.75	0.75	0.5	(0.5)
	olvi4*	0.75	0.75	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	50.0	13.55	305.0	
relative CIELAB lab*	lab*lab	0.25	0.25	0.5	(0.5)
	lab*tch	0.75	0.75	1.0	(1.0)
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.25	0.112	-0.222	
	lab*tce	0.25	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.0	0.0	0.5	(0.5)
	cmyn3*	1.0	1.0	0.5	(0.5)
	olvi4*	1.0	1.0	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	25.01	13.55	305.0	
relative CIELAB lab*	lab*lab	0.0	0.0	0.5	(0.5)
	lab*tch	0.25	0.25	0.824	
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.0	0.0	0.112	
	lab*tce	0.0	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative Inform. Technology (IT)	olvi3*	0.0	0.0	0.5	(0.5)
	cmyn3*	1.0	1.0	0.5	(0.5)
	olvi4*	1.0	1.0	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	25.01	13.55	305.0	
relative CIELAB lab*	lab*lab	0.0	0.0	0.5	(0.5)
	lab*tch	0.25	0.25	0.824	
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.0	0.0	0.112	
	lab*tce	0.0	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

 $n^* = 1,0$

relative Inform. Technology (IT)	olvi3*	0.0	0.0	0.5	(0.5)
	cmyn3*	1.0	1.0	0.5	(0.5)
	olvi4*	1.0	1.0	1.0	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.63	7.78	-11.09	
	LAB*TCha	25.72	31.1	-44.42	
relative CIELAB lab*	lab*lab	0.0	0.0	0.5	(0.5)
	lab*tch	0.25	0.25	0.824	
	lab*nch	0.0	0.0	0.0	(0.0)
relative Natural Colour (NC)	lab*trj	0.0	0.0	0.112	
	lab*tce	0.0	0.25	0.824	
	lab*nce	0.0	0.25	0.824	

relative CIEab Lab*				
lab*lab	0.325	0.43	-0.613	
lab*tch	0.625	0.75	0.847	
lab*nch	0.0	0.75	0.847	
relative Natural Colour (NC)				
lab*lrj	0.325	0.337	-0.669	
lab*tce	0.625	0.75	0.824	
lab*nCE	0.0	0.75	0.824	
relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.75	(1.0)
cmyn3*	1.0	1.0	0.25	(0.0)
olvi4*	0.25	0.25	1.0	0.75
cmyn4*	0.75	0.75	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	23.79	23.72	-33.38	

Eingabe: Farbmatisches Reflexions-System MRS18a

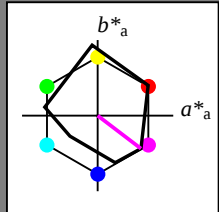
für Buntton $h^* = lab^*h = 323/360 = 0.896$ lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 35 72 323

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



MRS18a; adaptierte CIELAB-Daten

	$L^* = L^*_a$	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: Farbmatisches Reflexions-System ORS18

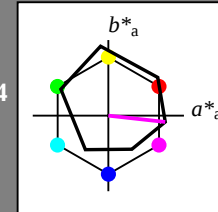
für Buntton $h^* = lab^*h = 354/360 = 0.982$ lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

rgb*Ma: 1.0 0.0 1.0

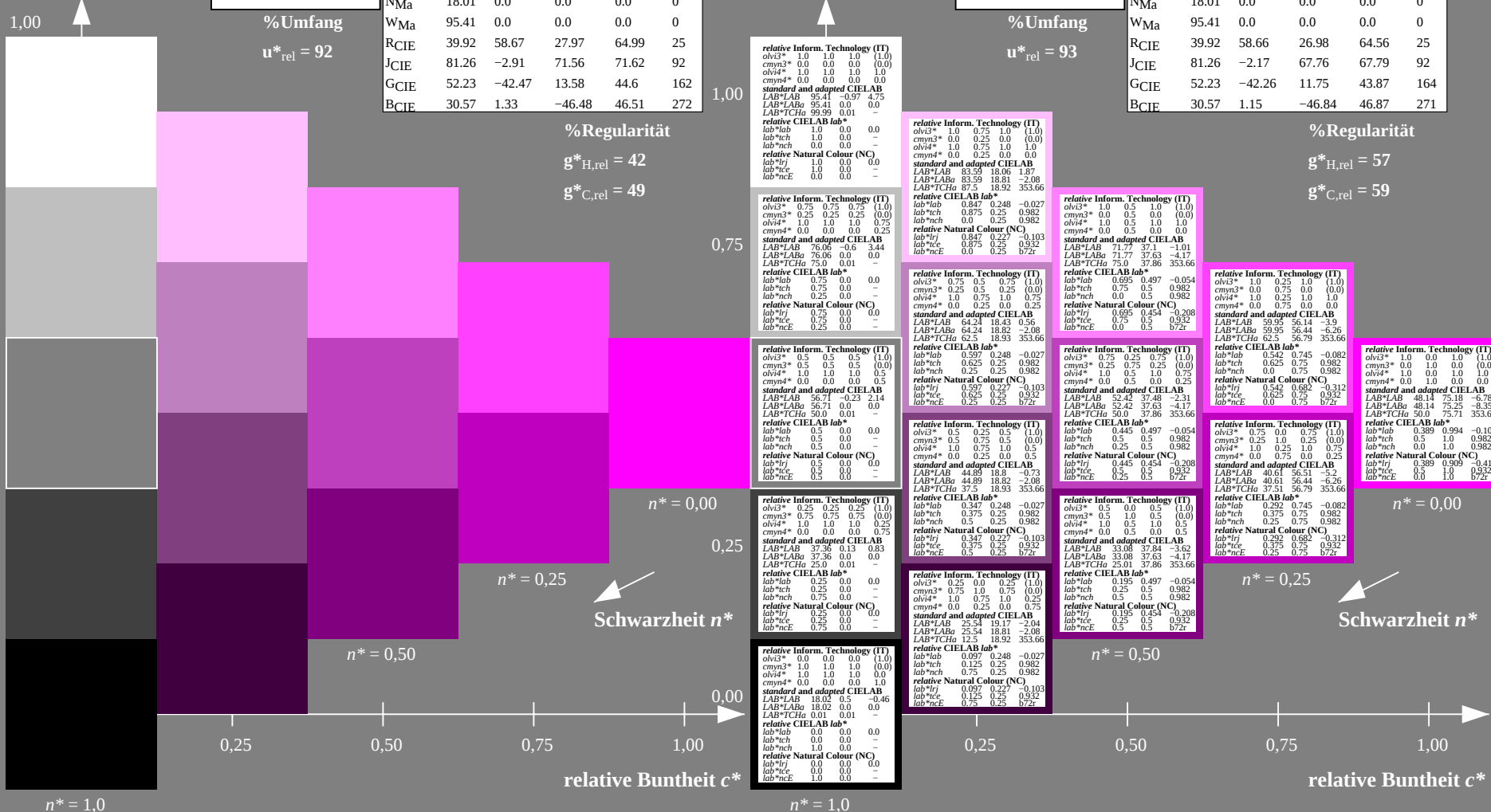
Dreiecks-Helligkeit



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

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

TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 323/360 = 0.896 (links)

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

BAM-Prüfvorlage TG46; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18a

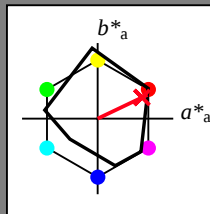
für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit



MRS18a; adaptierte CIELAB-Daten

	$L^* = L^*_a$	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: Farbmatisches Reflexions-System ORS18

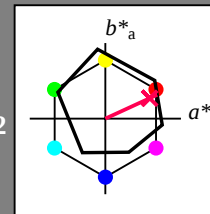
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

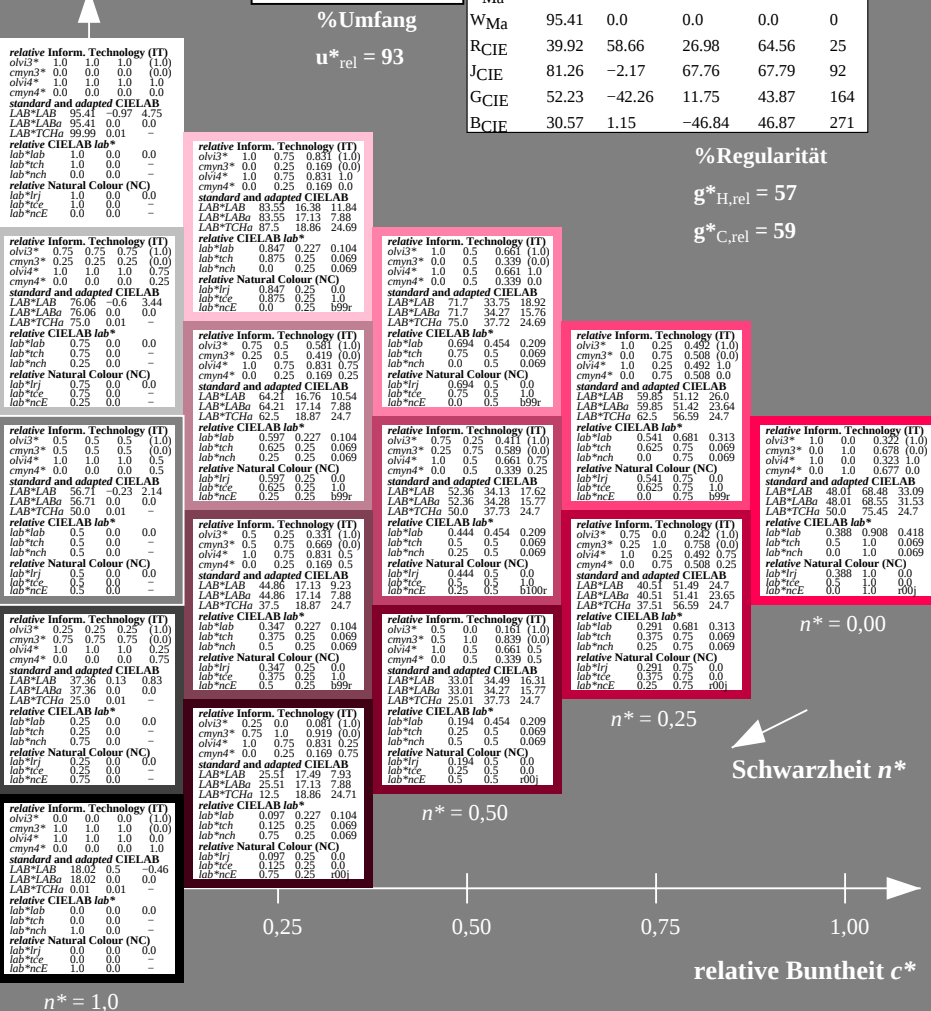
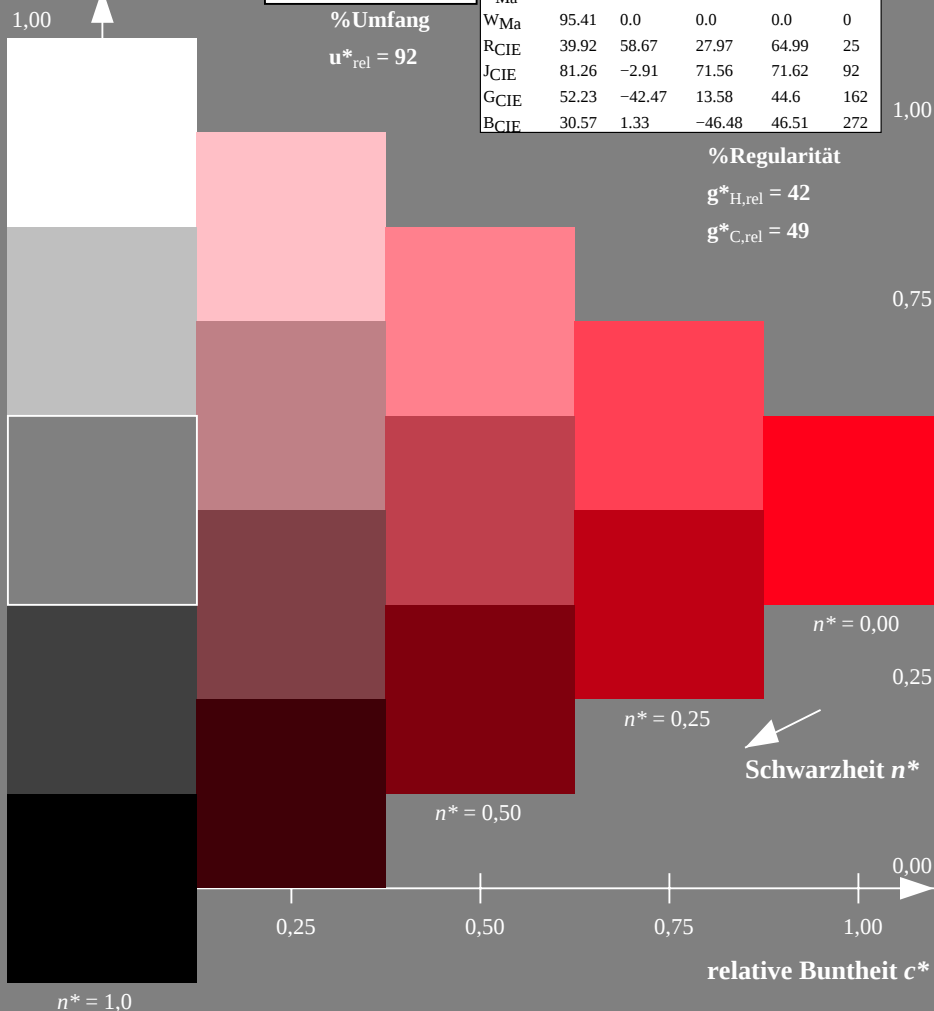
Dreiecks-Helligkeit



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

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

TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

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

BAM-Prüfvorlage TG46; Farbmatisches System ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18a

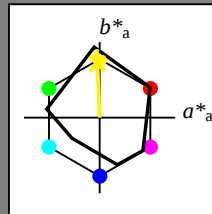
für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*tch und lab^*nch

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

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

1,00

0,75

n* = 0,00

0,25

n* = 0,25

n* = 0,50

0,00

Ausgabe: Farbmatisches Reflexions-System ORS18

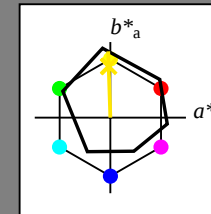
für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

1,00

0,75

n* = 0,00

0,25

Schwarzheit n*

0,00

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

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

n* = 0,00

0,25

Schwarzheit n*

0,00

TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

BAM-Prüfvorlage TG46; Farbmatisches System ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18a

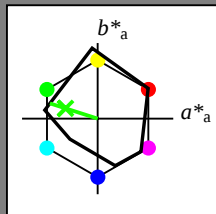
für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 56 66 162

rgb*Ma: 0.11 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 92$

1,00

0,75

0,50

0,25

0,00

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0,00

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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: Farbmatisches Reflexions-System ORS18

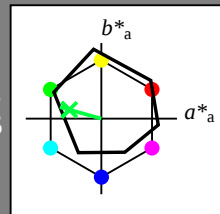
für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 53 57 164

rgb*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

1,00

0,75

0,50

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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

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

TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

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

BAM-Prüfvorlage TG46; Farbmatisches Reflexions-System ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System MRS18a

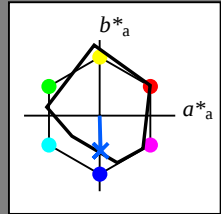
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Reflexions-System ORS18

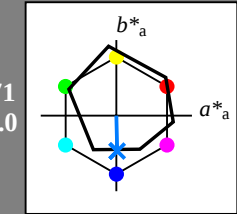
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

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
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

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

TG460-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

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

BAM-Prüfvorlage TG46; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*