

Eingabe: Farbmatisches Reflexions-System ORS18

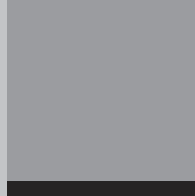
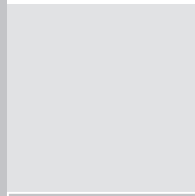
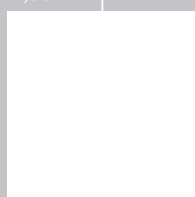
für Buntton $h^* = lab^*h = 38/360 = 0.105$

lab^*tch und lab^*nch

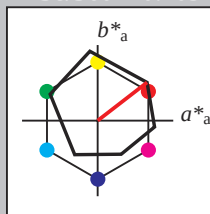
D65: Buntton O
LCH*Ma: 48 83 38
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit

1,00



$n^* = 1,0$



%Umfang

$u^*_{rel} = 93$

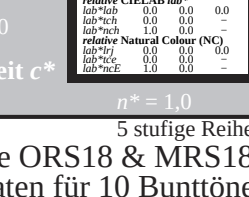
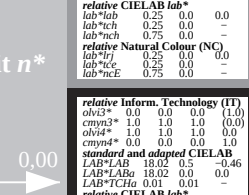
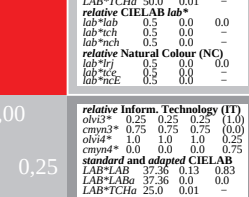
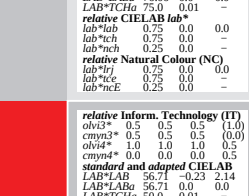
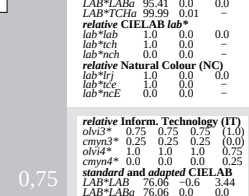
ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

1,00



$n^* = 1,0$

Ausgabe: Farbmatisches Reflexions-System MRS18

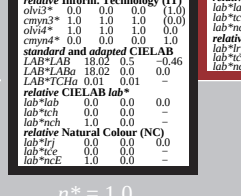
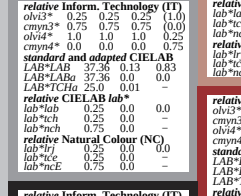
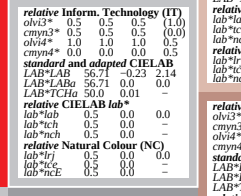
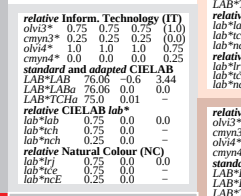
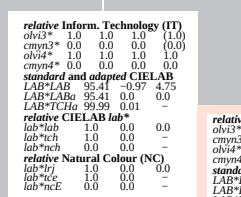
für Buntton $h^* = lab^*h = 30/360 = 0.083$

lab^*tch und lab^*nch

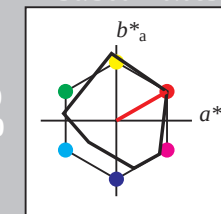
D65: Buntton R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit

1,00

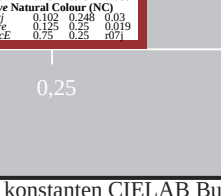
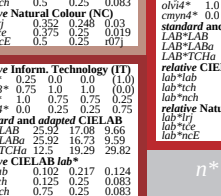
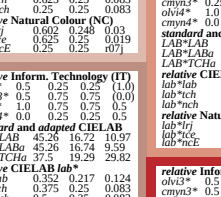
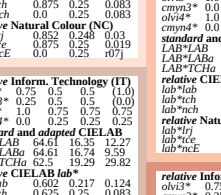
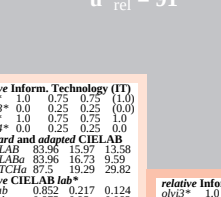


$n^* = 1,0$



%Umfang

$u^*_{rel} = 91$



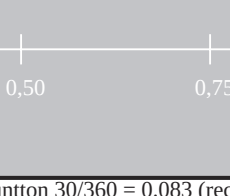
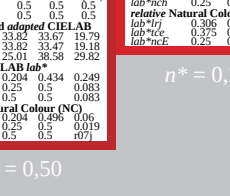
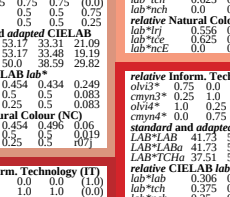
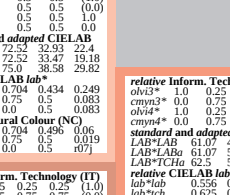
$n^* = 1,0$

MRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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

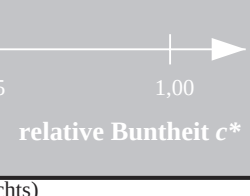
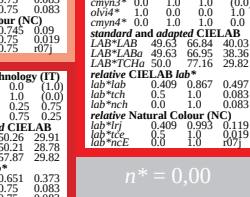
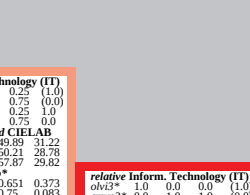
%Regularität

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

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



$n^* = 1,0$



$n^* = 1,0$

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

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

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & MRS18input: `cmY0* setcmYkcolor`

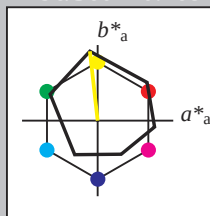
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `cmY0* / 000n* setcmYkcolor`

Eingabe: Farbmétrisches Reflexions-System ORS18

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

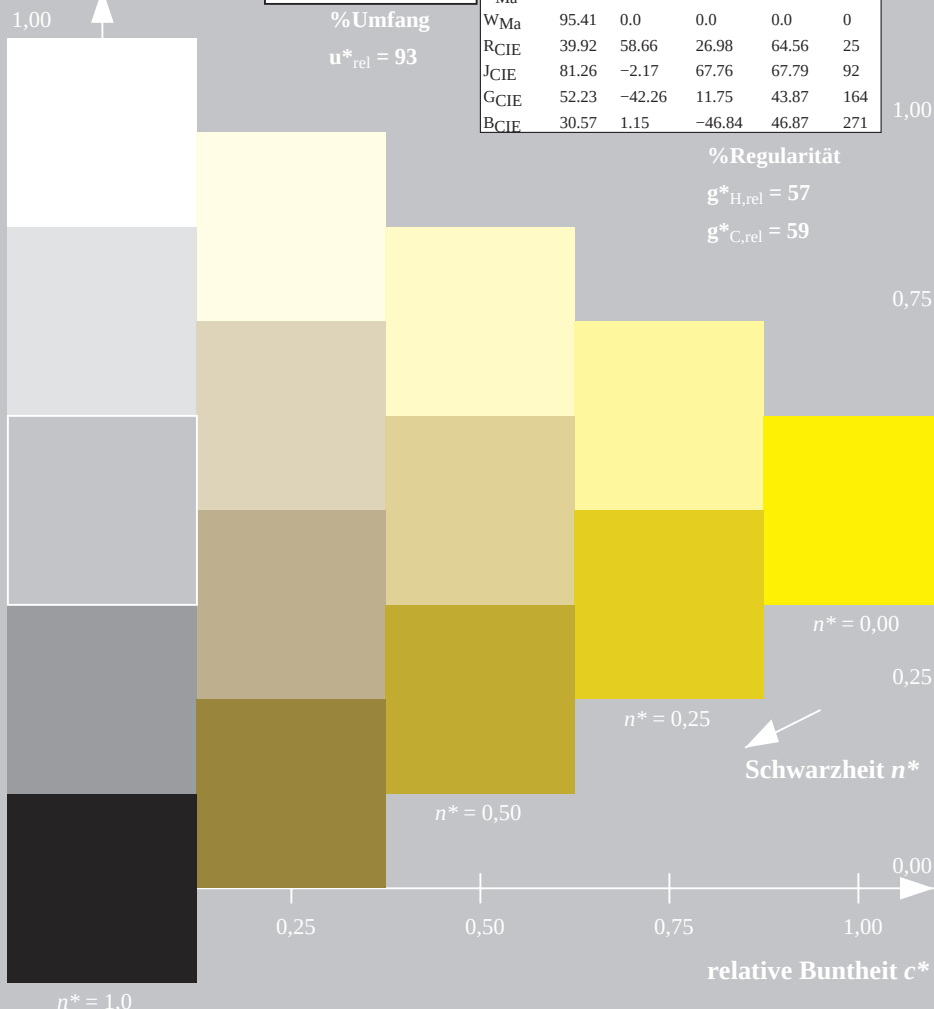
D65: Buntton Y
LCH*Ma: 90 92 96
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

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



UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & MRS18input: *cmv0* setcmykcolor*

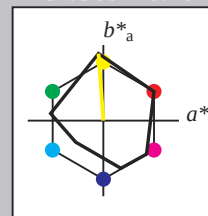
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *cmv0* / 000n* setcmvcolor*

Ausgabe: Farbmétrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 94/360 = 0.261$

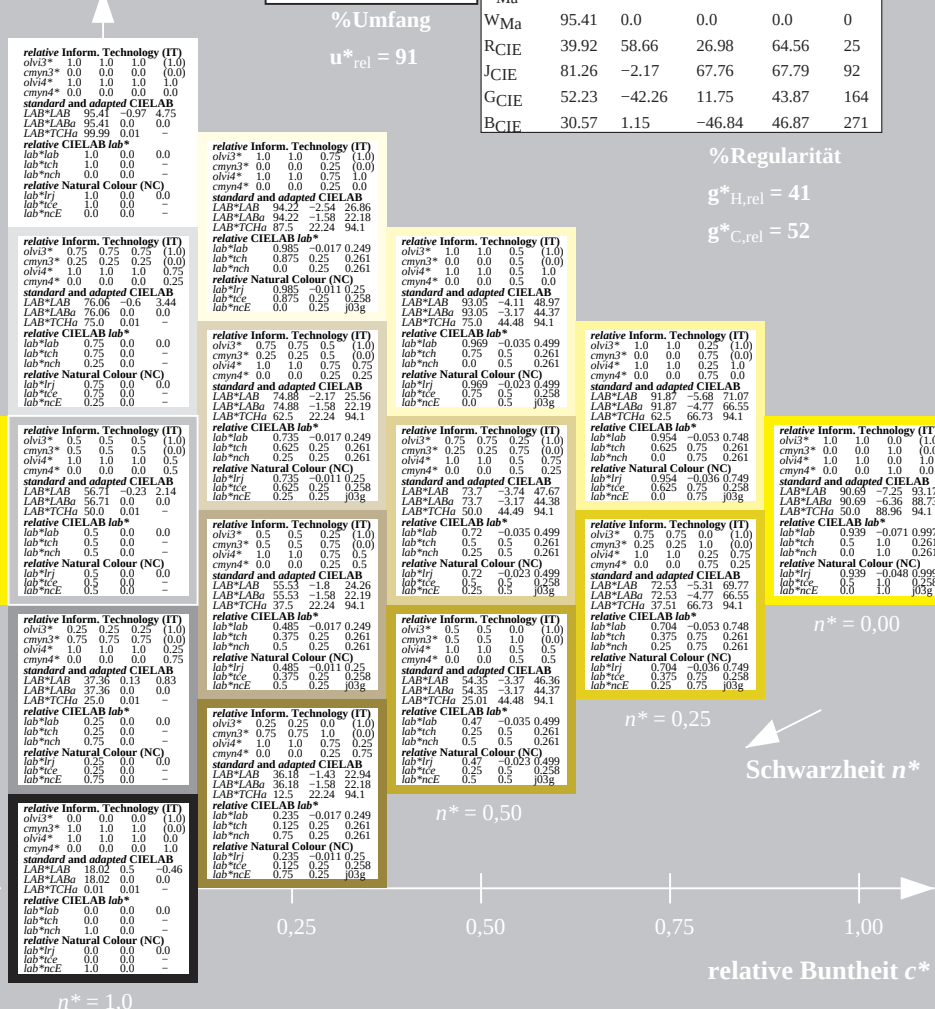
D65: Buntton J
LCH*Ma: 91 89 94
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



	%Umfang
1. Diebstahl	10,0
2. Diebstahl	10,0
3. Diebstahl	10,0
4. Diebstahl	10,0
5. Diebstahl	10,0
6. Diebstahl	10,0
7. Diebstahl	10,0
8. Diebstahl	10,0
9. Diebstahl	10,0
10. Diebstahl	10,0
11. Diebstahl	10,0
12. Diebstahl	10,0
13. Diebstahl	10,0
14. Diebstahl	10,0
15. Diebstahl	10,0
16. Diebstahl	10,0
17. Diebstahl	10,0
18. Diebstahl	10,0
19. Diebstahl	10,0
20. Diebstahl	10,0
21. Diebstahl	10,0
22. Diebstahl	10,0
23. Diebstahl	10,0
24. Diebstahl	10,0
25. Diebstahl	10,0
26. Diebstahl	10,0
27. Diebstahl	10,0
28. Diebstahl	10,0
29. Diebstahl	10,0
30. Diebstahl	10,0
31. Diebstahl	10,0
32. Diebstahl	10,0
33. Diebstahl	10,0
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35. Diebstahl	10,0
36. Diebstahl	10,0
37. Diebstahl	10,0
38. Diebstahl	10,0
39. Diebstahl	10,0
40. Diebstahl	10,0
41. Diebstahl	10,0
42. Diebstahl	10,0
43. Diebstahl	10,0
44. Diebstahl	10,0
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46. Diebstahl	10,0
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49. Diebstahl	10,0
50. Diebstahl	10,0
51. Diebstahl	10,0
52. Diebstahl	10,0
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54. Diebstahl	10,0
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57. Diebstahl	10,0
58. Diebstahl	10,0
59. Diebstahl	10,0
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62. Diebstahl	10,0
63. Diebstahl	10,0
64. Diebstahl	10,0
65. Diebstahl	10,0
66. Diebstahl	10,0
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68. Diebstahl	10,0
69. Diebstahl	10,0
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73. Diebstahl	10,0
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78. Diebstahl	10,0
79. Diebstahl	10,0
80. Diebstahl	10,0
81. Diebstahl	10,0
82. Diebstahl	10,0
83. Diebstahl	10,0
84. Diebstahl	10,0
85. Diebstahl	10,0
86. Diebstahl	10,0
87. Diebstahl	10,0
88. Diebstahl	10,0
89. Diebstahl	10,0
90. Diebstahl	10,0
91. Diebstahl	10,0
92. Diebstahl	10,0
93. Diebstahl	10,0
94. Diebstahl	10,0
95. Diebstahl	10,0
96. Diebstahl	10,0
97. Diebstahl	10,0
98. Diebstahl	10,0
99. Diebstahl	10,0
100. Diebstahl	10,0

MRS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271

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

Eingabe: Farbmatisches Reflexions-System ORS18

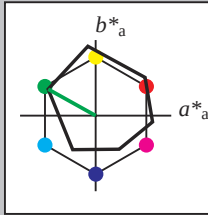
für Buntton $h^* = lab^*h = 151/360 = 0.419$

lab^*tch und lab^*nch

D65: Buntton L
LCH*Ma: 51 72 151
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

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*Lab	95.41	0.0	0.0		
LAB*TCh	98.99	0.01	-		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tce	1.0	0.0	-		
lab*nce	0.0	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	
cmyn3*	0.25	0.25	0.25	(0.0)	
olvi4*	1.0	1.0	1.0	0.75	
cmyn4*	0.0	0.0	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	76.06	-0.6	3.44		
LAB*Lab	76.06	0.0	0.0		
LAB*TCh	75.0	0.01	-		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0		
lab*tch	0.75	0.0	-		
lab*nch	0.25	0.0	-		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tce	0.75	0.0	-		
lab*nce	0.25	0.0	-		

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

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(1.0)	
cmyn3*	0.75	0.75	0.75	(0.0)	
olvi4*	1.0	1.0	1.0	0.25	
cmyn4*	0.0	0.0	0.0	0.75	
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83		
LAB*Lab	37.36	0.0	0.0		
LAB*TCh	25.0	0.01	-		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	-		
lab*nch	0.75	0.0	-		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tce	0.25	0.0	-		
lab*nce	0.75	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.46		
LAB*Lab	18.02	0.0	0.0		
LAB*TCh	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	-		
lab*nch	1.0	0.0	-		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	-		
lab*nce	1.0	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	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	0.01	0.01	-		
LAB*Lab	0.01	0.0	0.0		
LAB*TCh	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	-		
lab*nch	1.0	0.0	-		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	-		
lab*nce	1.0	0.0	-		

$n^* = 1,0$

relative Buntheit c^*

0,25 0,50 0,75 1,00

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

Schwarzheit n^*

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & MRS18input: `cmY0* setcmYkcolor`

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `cmY0* / 000n* setcmYkcolor`

5 stufige Reihen für konstanten CIELAB Buntton 172/360 = 0.479 (rechts)

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ

Form: 3/10, Serie: 1/1, Seite: 3

Stellung 3

20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Registrierung: 20060101-UG40/10Q/Q40G02FP.PS/.PDF

BAM-Material: Code=rha4ta

Eingabe: Farbmatisches Reflexions-System ORS18

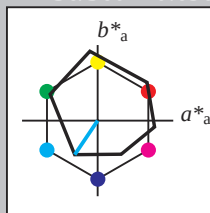
für Buntton $h^* = lab^*h = 236/360 = 0.656$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

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*Lab	95.41	0.0	0.0	
	LAB*TCh	98.99	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*lrj	1.0	0.0	0.0	
	lab*tce	1.0	0.0	0.0	
	lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)	olvi3*	0.75	0.75	0.75	(1.0)
	cmyn3*	0.25	0.25	0.25	(0.0)
	olvi4*	1.0	1.0	1.0	0.75
	cmyn4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB	LAB*LAB	76.06	-0.6	3.44	
	LAB*Lab	76.06	0.0	0.0	
	LAB*TCh	75.0	0.01	-	
relative CIELAB lab*	lab*lab	0.75	0.0	0.0	
	lab*tch	0.75	0.0	0.0	
	lab*nch	0.25	0.0	0.0	
relative Natural Colour (NC)	lab*lrj	0.75	0.0	0.0	
	lab*tce	0.25	0.0	0.0	
	lab*nce	0.25	0.0	0.0	

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

relative Inform. Technology (IT)	olvi3*	0.25	0.25	0.25	(1.0)
	cmyn3*	0.75	0.75	0.75	(0.0)
	olvi4*	1.0	1.0	1.0	0.25
	cmyn4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	37.36	-0.13	0.83	
	LAB*Lab	37.36	0.0	0.0	
	LAB*TCh	25.0	0.01	-	
relative CIELAB lab*	lab*lab	0.25	0.0	0.0	
	lab*tch	0.25	0.0	0.0	
	lab*nch	0.75	0.0	0.0	
relative Natural Colour (NC)	lab*lrj	0.25	0.0	0.0	
	lab*tce	0.25	0.0	0.0	
	lab*nce	0.75	0.0	0.0	

relative Inform. Technology (IT)	olvi3*	0.0	0.0	0.0	(1.0)
	cmyn3*	1.0	1.0	1.0	(0.0)
	olvi4*	1.0	1.0	1.0	0.0
	cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	18.02	0.5	-0.46	
	LAB*Lab	18.02	0.0	0.0	
	LAB*TCh	0.01	0.01	-	
relative CIELAB lab*	lab*lab	0.0	0.0	0.0	
	lab*tch	0.0	0.0	0.0	
	lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)	lab*lrj	0.0	0.0	0.0	
	lab*tce	0.0	0.0	0.0	
	lab*nce	1.0	0.0	0.0	

$n^* = 1.0$

Ausgabe: Farbmatisches Reflexions-System MRS18

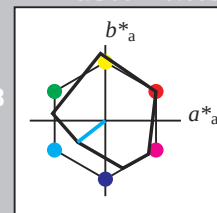
für Buntton $h^* = lab^*h = 218/360 = 0.605$

lab^*tch und lab^*nch

D65: Buntton G50B
LCH*Ma: 45 46 218
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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

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

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

1,00

relative Inform. Technology (IT)	olvi3*	0.75	1.0	1.0	(1.0)
	cmyn3*	0.25	0.0	0.0	(0.0)
	olvi4*	0.75	1.0	1.0	1.0
	cmyn4*	0.25	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	82.81	-9.87	-3.2	
	LAB*Lab	82.81	-9.13	-7.11	
	LAB*TCh	87.5	11.58	217.91	
relative CIELAB lab*	lab*lab	0.87	-0.196	-0.153	
	lab*tch	0.875	0.25	0.605	
	lab*nch	0.0	0.25	0.605	
relative Natural Colour (NC)	lab*lrj	0.837	-0.176	-0.176	
	lab*tce	0.875	0.25	0.625	
	lab*nce	0.0	0.25	0.625	

relative Inform. Technology (IT)	olvi3*	0.5	0.75	0.75	(1.0)
	cmyn3*	0.5	0.25	0.25	(0.0)
	olvi4*	0.75	1.0	1.0	0.75
	cmyn4*	0.5	0.0	0.0	0.25
standard and adapted CIELAB	LAB*LAB	63.46	-9.5	-4.51	
	LAB*Lab	63.46	-9.13	-7.11	
	LAB*TCh	62.5	11.59	217.91	
relative CIELAB lab*	lab*lab	0.5	0.25	0.25	
	lab*tch	0.5	0.25	0.605	
	lab*nch	0.5	0.25	0.605	
relative Natural Colour (NC)	lab*lrj	0.587	-0.176	-0.176	
	lab*tce	0.625	0.25	0.625	
	lab*nce	0.5	0.25	0.625	

relative Inform. Technology (IT)	olvi3*	0.25	0.75	0.75	(1.0)
	cmyn3*	0.75	0.25	0.25	(0.0)
	olvi4*	0.5	1.0	1.0	0.5
	cmyn4*	0.5	0.0	0.0	0.25
standard and adapted CIELAB	LAB*LAB	50.87	-18.4	-12.48	
	LAB*Lab	50.87	-18.28	-14.23	
	LAB*TCh	50.0	23.18	217.91	
relative CIELAB lab*	lab*lab	0.425	-0.394	-0.306	
	lab*tch	0.5	0.5	0.605	
	lab*nch	0.5	0.5	0.605	
relative Natural Colour (NC)	lab*lrj	0.425	-0.353	-0.352	
	lab*tce	0.5	0.5	0.625	
	lab*nce	0.5	0.5	0.625	

relative Inform. Technology (IT)	olvi3*	0.0	0.5	0.5	(1.0)
	cmyn3*	1.0	0.5	0.5	(0.0)
	olvi4*	0.5	1.0	1.0	0.5
	cmyn4*	0.5	0.0	0.0	0.5
standard and adapted CIELAB	LAB*LAB	31.75	-18.03	-13.78	
	LAB*Lab	31.75	-18.27	-14.23	
	LAB*TCh	25.01	23.17	217.91	
relative CIELAB lab*	lab*lab	0.175	-0.393	-0.306	
	lab*tch	0.25	0.5	0.605	
	lab*nch	0.5	0.5	0.605	
relative Natural Colour (NC)	lab*lrj	0.25	-0.353	-0.352	
	lab*tce	0.25	0.5	0.625	
	lab*nce	0.5	0.5	0.625	

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	0.0
	cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	18.02	0.5	-0.46	
	LAB*Lab	18.02	0.0	0.0	
	LAB*TCh	0.01	0.01	-	
relative CIELAB lab*	lab*lab	0.0	0.0	0.0	
	lab*tch	0.0	0.0	0.0	
	lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)	lab*lrj	0.0	0.0	0.0	
	lab*tce	0.0	0.0	0.0	
	lab*nce	1.0	0.0	0.0	

$n^* = 1.0$

relative Inform. Technology (IT)	olvi3*	0.5	1.0	1.0	(1.0)
	cmyn3*	0.5	0.0	0.0	(0.0)
	olvi4*	0.5	1.0	1.0	1.0
	cmyn4*	0.5	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	70.21	-18.77	-11.17	
	LAB*Lab	70.21	-18.27	-14.23	
	LAB*TCh	75.0	23.17	217.91	
relative CIELAB lab*	lab*lab	0.674	-0.393	-0.306	
	lab*tch	0.75	0.5	0.605	
	lab*nch	0.0	0.5	0.605	
relative Natural Colour (NC)	lab*lrj	0.674	-0.353	-0.352	
	lab*tce	0.75	0.5	0.625	
	lab*nce	0.0	0.5	0.625	

relative Inform. Technology (IT)	olvi3*	0.25	0.75	0.75	(1.0)
	cmyn3*	0.75	0.25	0.25	(0.0)
	olvi4*	0.5	1.0	1.0	0.75
	cmyn4*	0.5	0.0	0.0	0.25
standard and adapted CIELAB	LAB*LAB	50.87	-18.4	-12.48	
	LAB*Lab	50.87	-18.28	-14.23	
	LAB*TCh	50.0	23.18	217.91	
relative CIELAB lab*	lab*lab	0.425	-0.394	-0.306	
	lab*tch	0.5	0.5	0.605	
	lab*nch	0.5	0.5	0.605	
relative Natural Colour (NC)	lab*lrj	0.425	-0.353	-0.352	
	lab*tce	0.5	0.5	0.625	
	lab*nce	0.5	0.5	0.625	

relative Inform. Technology (IT)	olvi3*	0.25	0.75	0.75	(1.0)
	cmyn3*	0.75	0.25	0.25	(0.0)
	olvi4*	0.5	1.0	1.0	0.75
	cmyn4*	0.5	0.0	0.0	0.25
standard and adapted CIELAB	LAB*LAB	38.28	-27.3	-28.44	
	LAB*Lab	38.28	-27.42	-21.35	
	LAB*TCh	37.51	34.76	217.91	
relative CIELAB lab*	lab*lab	0.512	-0.591	-0.46	
	lab*tch	0.625	0.75	0.605	
	lab*nch	0.0	0.75	0.605	
relative Natural Colour (NC)	lab*lrj	0.512	-0.529	-0.529	
	lab*tce	0.625	0.75	0.625	
	lab*nce	0.0	0.75	0.625	

0.175	-0.393	-0.306
0.25	0.5	0.605
0.5	0.5	0.605
al Colour (NC)		
0.175	-0.353	-0.352
0.25	0.5	0.625
0.5	0.5	0.649b

= 0,50

Eingabe: Farbmatisches Reflexions-System ORS18

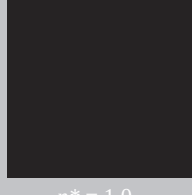
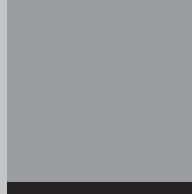
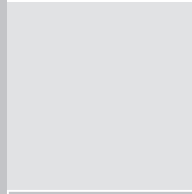
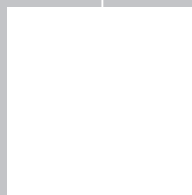
für Buntton $h^* = lab^*h = 305/360 = 0.847$

lab^*tch und lab^*nch

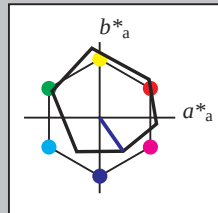
D65: Buntton V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

1,00



$n^* = 1,0$



%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
GMa	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

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

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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

$n^* = 1,0$

Ausgabe: Farbmatisches Reflexions-System MRS18

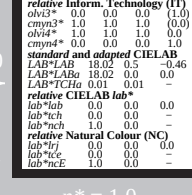
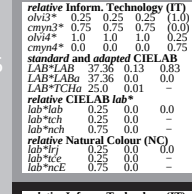
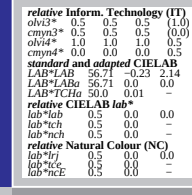
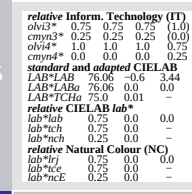
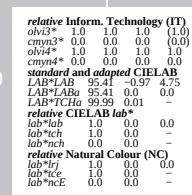
für Buntton $h^* = lab^*h = 290/360 = 0.806$

lab^*tch und lab^*nch

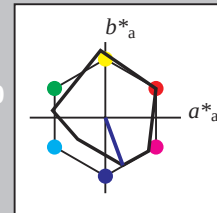
D65: Buntton B
LCH*Ma: 37 67 290
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

1,00



$n^* = 1,0$



%Umfang

$u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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

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

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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

	L^*	a^*	b^*	C^*	h^*
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	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

$n^* = 1,0$

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

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

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & MRS18input: `cmY0* setcmYkcolor`

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `cmY0* / 000n* setcmYkcolor`

Eingabe: Farbmatisches Reflexions-System ORS18

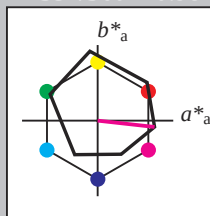
für Buntton $h^* = lab^*h = 354/360 = 0.982$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

1,00

relative Inform. Technology (IT)

relative Natural Colour (NC)

standard and adapted CIELAB

relative CIELAB lab*

relative Inform. Technology (IT)

relative Natural Colour (NC)

standard and adapted CIELAB

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relative Natural Colour (NC)

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relative Inform. Technology (IT)

relative Natural Colour (NC)

standard and adapted CIELAB

relative CIELAB lab*

$n^* = 1,0$

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standard and adapted CIELAB

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relative CIELAB lab*

$n^* = 1,0$

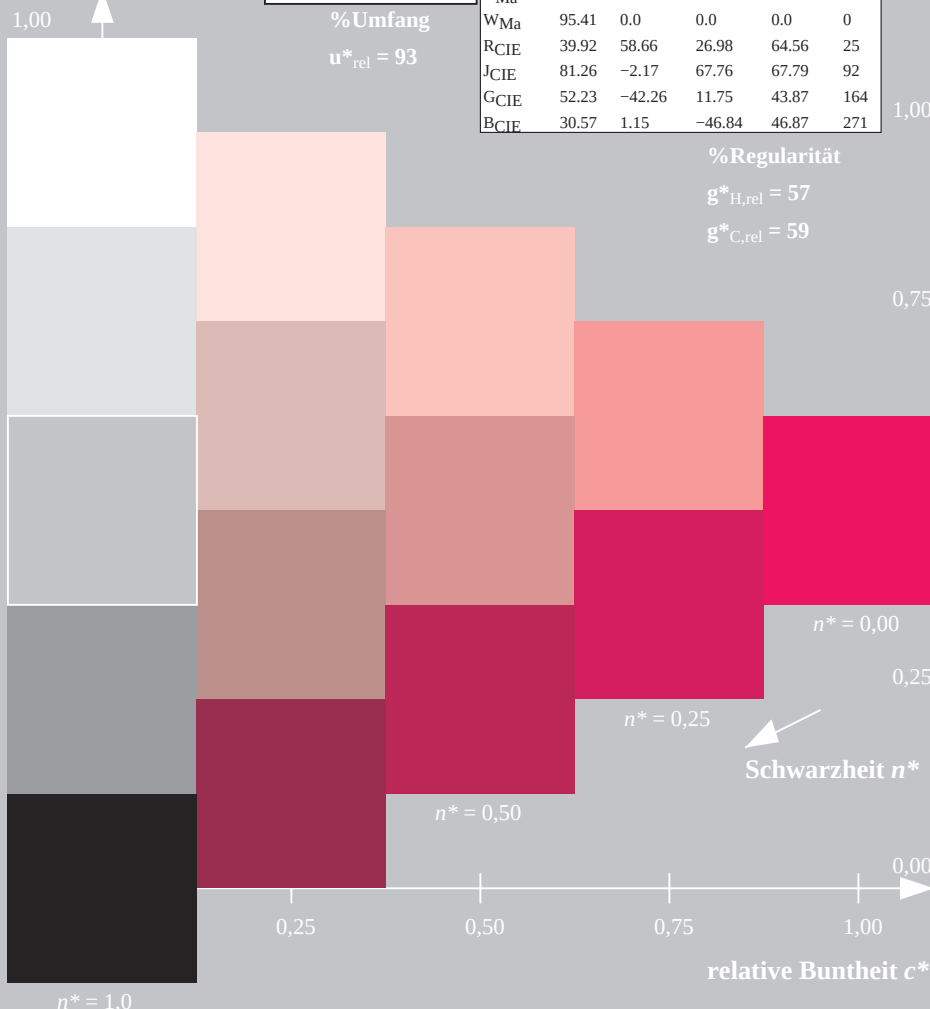
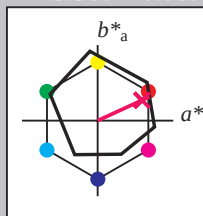
Eingabe: Farbmatisches Reflexions-System ORS18

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



UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & MRS18input: `cmY0* setcmYkcolor`

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `cmY0* / 000n* setcmYkcolor`

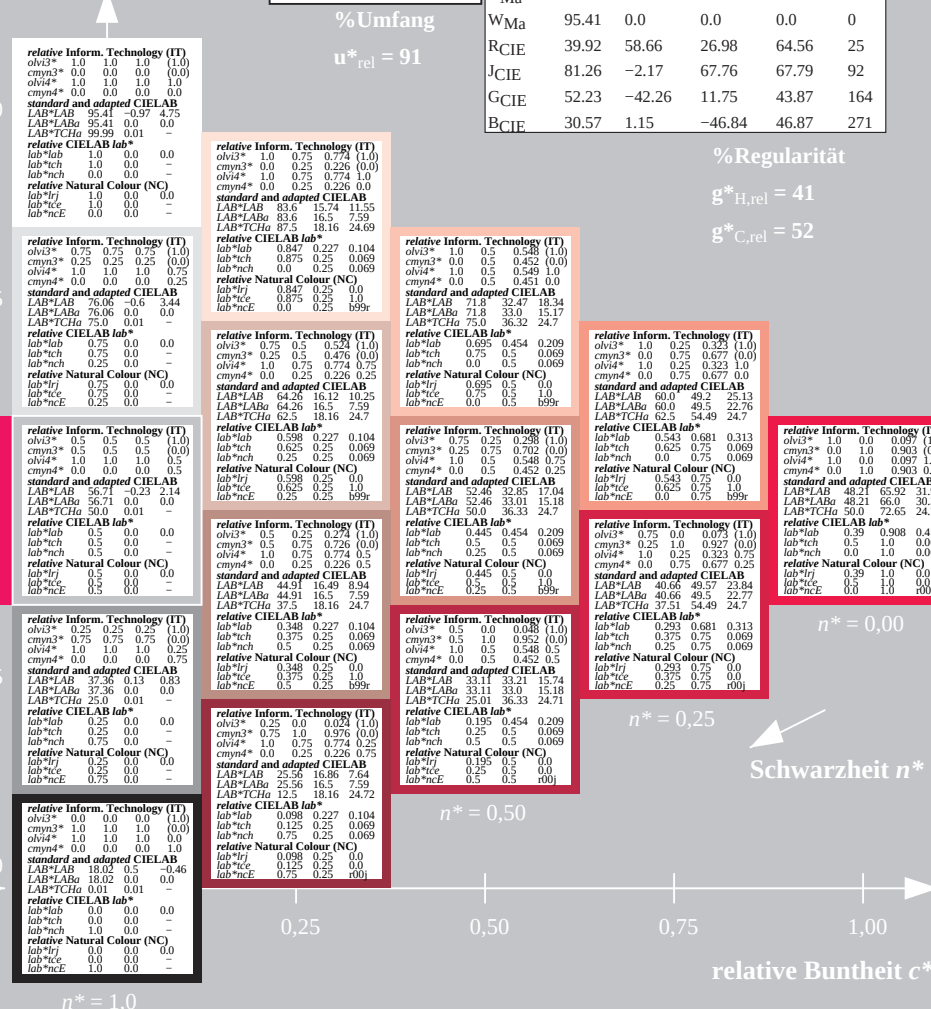
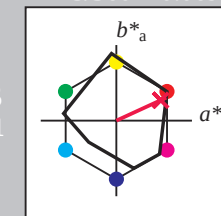
Ausgabe: Farbmatisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



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

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0.0, CIE XYZ

BAM-Registrierung: 20060101-UG40/10Q/Q40G06FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ
/UG40/ Form: 7/10, Serie: 1/1, Seite: 7
Stenzlung 7

Eingabe: Farbmatisches Reflexions-System ORS18

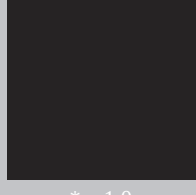
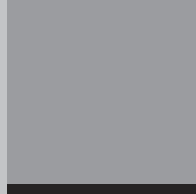
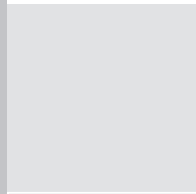
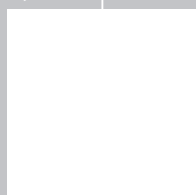
für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*tch und lab^*nch

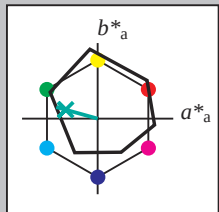
D65: Buntton G
LCH*Ma: 53 57 164
rgb*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit

1,00



$n^* = 1,0$



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

	L^*	a^*	b^*	C^*	h^*
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

	L^*	a^*	b^*	C^*	h^*
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

	L^*	a^*	b^*	C^*	h^*
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

	L^*	a^*	b^*	C^*	h^*
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

$n^* = 1,0$

Ausgabe: Farbmatisches Reflexions-System MRS18

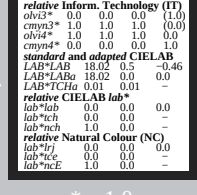
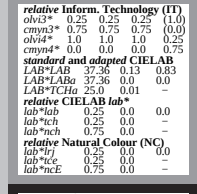
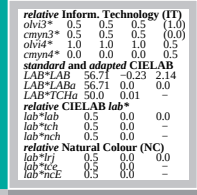
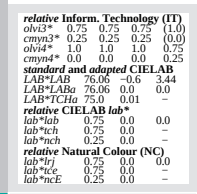
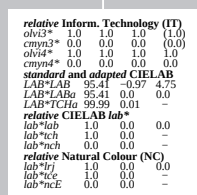
für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*tch und lab^*nch

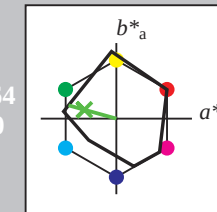
D65: Buntton G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit

1,00



$n^* = 1,0$



%Umfang

$u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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

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

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

	L^*	a^*	b^*	C^*	h^*
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

	L^*	a^*	b^*	C^*	h^*
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

	L^*	a^*	b^*	C^*	h^*
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

	L^*	a^*	b^*	C^*	h^*
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

$n^* = 1,0$

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

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

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & MRS18input: `cmY0* setcmYkcolor`

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `cmY0* / 000n* setcmYkcolor`

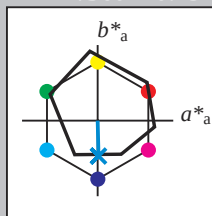
Eingabe: Farbmétrisches Reflexions-System ORS18

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

D65: Buntton B

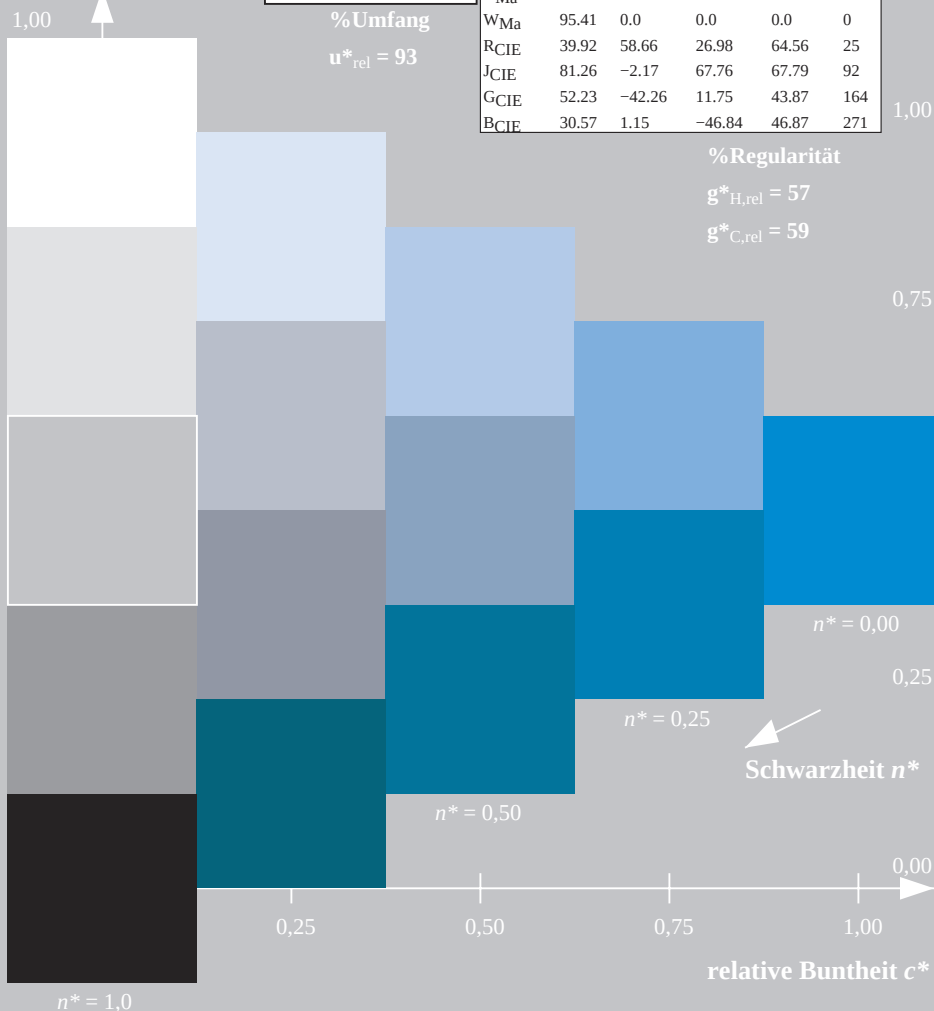
LCH*Ma: 42 45 271

Dreiecks-Helligkeit



%Umfang

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



UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton $271/360 = 0.754$ (links)

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & MRS18input: *cmy0* setcmykcolor*

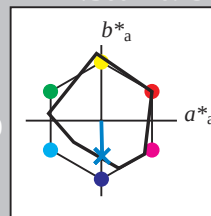
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *cmY0* / 000n* setcmykcolor*

Ausgabe: Farbmétrisches Reflexions-System MRS18

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

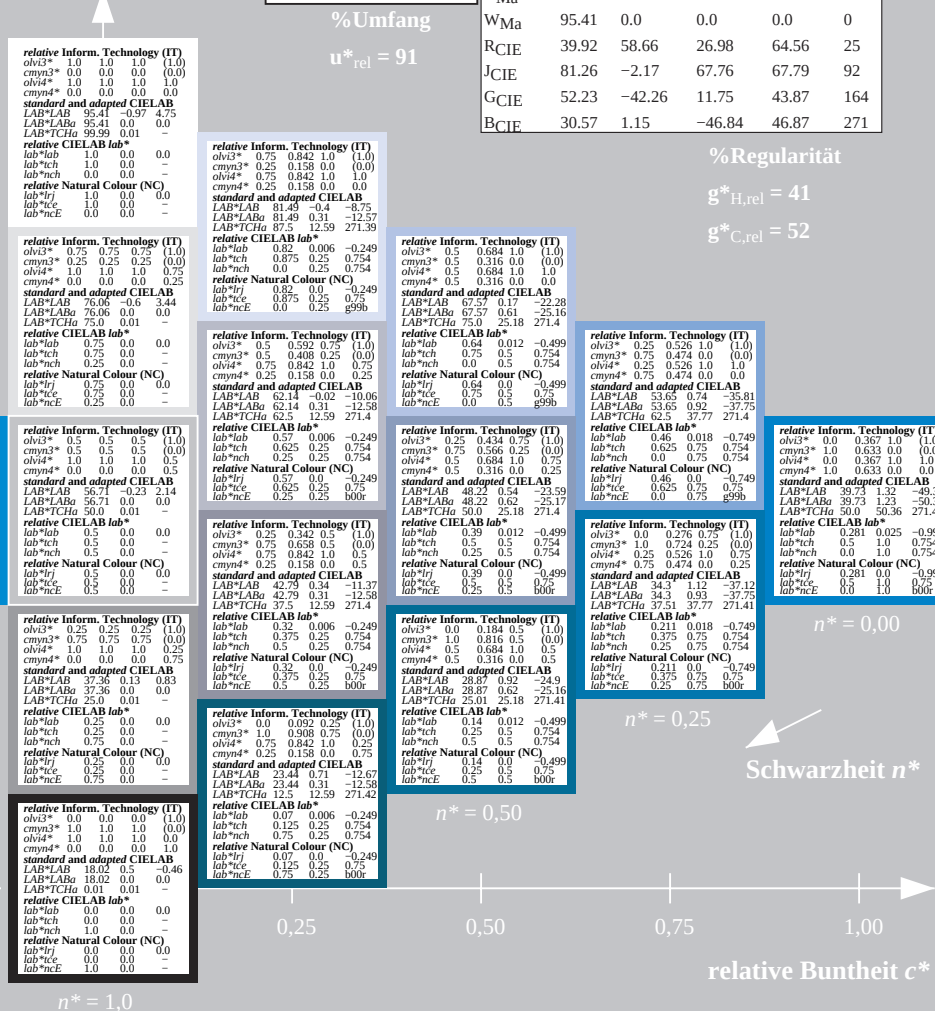
D65: Buntton B

Dreiecks-Helligkeit



%Umfang

MRS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271

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

```
3 & MRS18input: cmy0* setcmykcolor
```

```
10 Bunttöneoutput: cmy0* / 000n* setcmykcolor
```