

Eingabe: Farbmatisches Reflexions-System MRS18

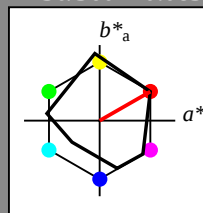
für Buntton $h^* = lab^*h = 30/360 = 0.083$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 91$

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

%Regularität

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

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

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmyn4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	95.41	-0.97	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*TC _{Ma}	98.99	0.01	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		
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)					
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*TC _{Ma}	75.0	0.01	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		
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)					
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*TC _{Ma}	50.0	0.01	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		
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)					
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*TC _{Ma}	25.0	0.01	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		
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)					
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	0.0	0.46		
LAB*LABa	18.02	0.0	0.0		
LAB*TC _{Ma}	0.01	0.01	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		
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

$n^* = 1.0$

Ausgabe: Farbmatisches Reflexions-System MRS18

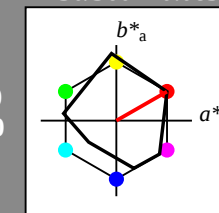
für Buntton $h^* = lab^*h = 30/360 = 0.083$

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



%Umfang

$u^*_{rel} = 91$

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

%Regularität

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

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

relative Inform. Technology (IT)					
olvi3*	1.0	0.5	0.5	(1.0)	
cmyn3*	0.0	0.5	0.5	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmyn4*	0.0	0.5	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	72.52	32.93	22.4		
LAB*LABa	72.52	33.47	19.18		
LAB*TC _{Ma}	75.0	38.58	29.82		
relative CIELAB lab*					
lab*lab	0.704	0.434	0.249		
lab*tch	0.75	0.5	0.083		
lab*nch	0.0	0.5	0.083		
lab*trj	0.704	0.496	0.06		
lab*tce	0.75	0.5	0.019		
lab*nce	0.0	0.5	0.071		

relative Inform. Technology (IT)					
olvi3*	0.75	0.25	0.25	(1.0)	
cmyn3*	0.25	0.75	0.75	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmyn4*	0.0	0.5	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	53.17	33.31	21.09		
LAB*LABa	53.17	33.48	19.19		
LAB*TC _{Ma}	50.0	38.59	29.82		
relative CIELAB lab*					
lab*lab	0.454	0.496	0.06		
lab*tch	0.5	0.5	0.083		
lab*nch	0.0	0.5	0.083		
lab*trj	0.454	0.496	0.06		
lab*tce	0.5	0.5	0.019		
lab*nce	0.0	0.5	0.071		

relative Inform. Technology (IT)					
olvi3*	0.5	0.0	0.0	(1.0)	
cmyn3*	0.5	1.0	1.0	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmyn4*	0.0	0.5	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	33.82	33.67	19.79		
LAB*LABa	33.82	33.47	19.18		
LAB*TC _{Ma}	25.01	38.58	29.82		
relative CIELAB lab*					
lab*lab	0.204	0.434	0.249		
lab*tch	0.25	0.5	0.083		
lab*nch	0.0	0.5	0.083		
lab*trj	0.204	0.496	0.06		
lab*tce	0.25	0.5	0.019		
lab*nce	0.0	0.5	0.071		

relative Inform. Technology (IT)					
olvi3*	0.25	0.0	0.0	(1.0)	
cmyn3*	0.75	1.0	1.0	(0.0)	
olvi4*	1.0	0.75	0.75	(1.0)	
cmyn4*	0.0	0.75	0.75	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.0	0.46		
LAB*LABa	18.02	0.0	0.0		
LAB*TC _{Ma}	0.01	0.01	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		
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

$n^* = 0.50$

relative Inform. Technology (IT)					
olvi3*	0.75	0.0	0.0	(1.0)	
cmyn3*	0.25	0.0	0.0	(0.0)	
olvi4*	1.0	0.25	0.25	(1.0)	
cmyn4*	0.0	0.75	0.75	(0.0)	
standard and adapted CIELAB					
LAB*LAB	61.07	49.89	31.22		
LAB*LABa	61.07	50.21	28.78		
LAB*TC _{Ma}	62.5	57.87	29.82		
relative CIELAB lab*					
lab*lab	0.556	0.651	0.373		
lab*tch	0.625	0.75	0.083		
lab*nch	0.0	0.75	0.083		
lab*trj	0.556	0.745	0.09		
lab*tce	0.625	0.75	0.019		
lab*nce	0.0	0.75	0.071		

rm. Technology (IT)				
0.5	0.25	0.25	(1.0)	
0.5	0.75	0.75	(0.0)	
0.5	0.5	0.5	0.75	
0.5	0.5	0.5	0.25	
d adapted CIELAB				
53.17	33.31	21.09		
53.17	33.48	19.19		
50.0	38.59	29.82		
LAB*LAB				
0.454	0.434	0.249		
0.5	0.5	0.083		
0.25	0.5	0.083		
Primary Colour (NC)				
0.454	0.496	0.06		
0.5	0.5	0.019		
0.5	0.5	0.019		

LAB*TC _{Ma}				
relative CIELAB lab*				
lab*lab	0.306	0.651	0.373	
lab*tch	0.375	0.75	0.083	
lab*nch	0.0	0.75	0.083	
relative Natlab				
lab*lab	0.306	0.651	0.373	
lab*tch	0.375	0.75	0.083	
lab*nch	0.0	0.75	0.083	

relative Inform. Technology (IT)				
olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	41.73	50.26	29.91	
LAB*LABa	41.73	50.21	28.78	
LAB*TC _{Ma}	37.51	57.87	29.82	

Eingabe: Farbmétrisches Reflexions-System MRS18

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

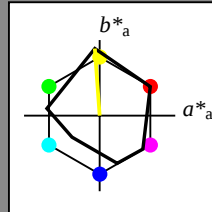
*lab*tch* und *lab*nch*

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit

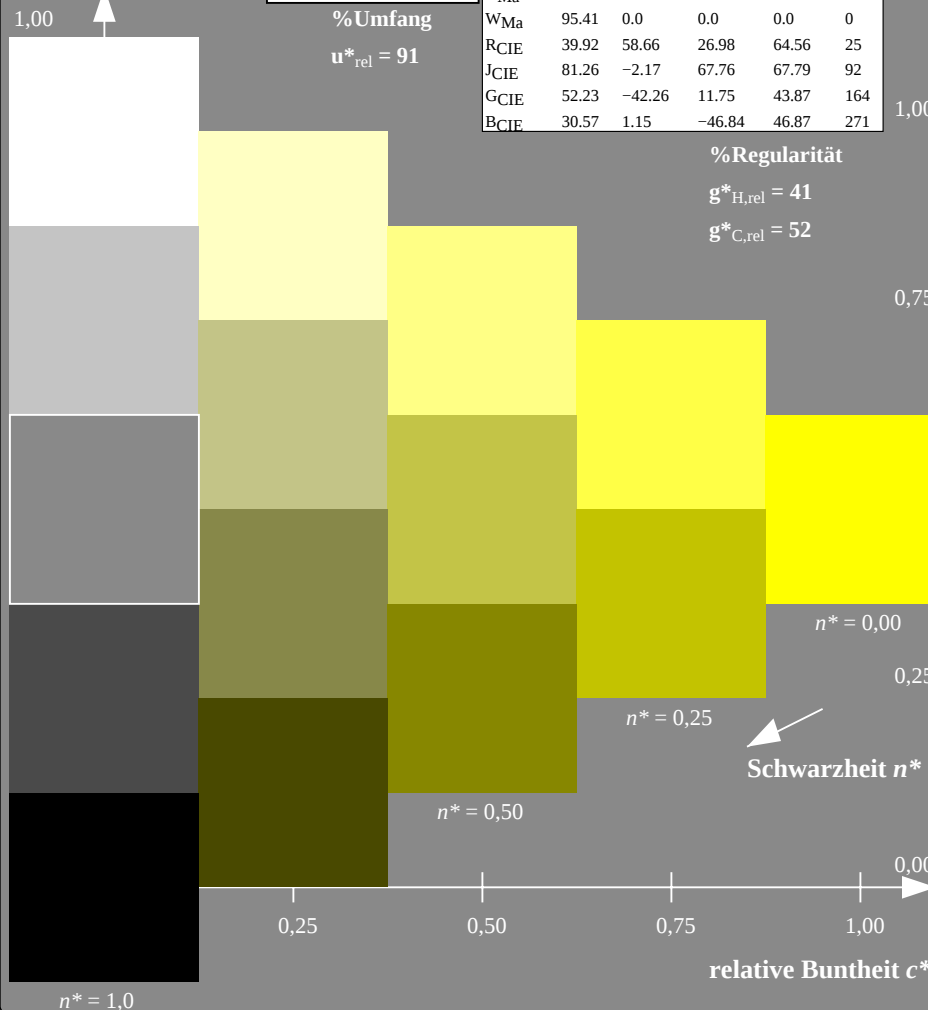


	%Umfang
1. Diebstahl	10,0
2. Diebstahl	10,0
3. Diebstahl	10,0
4. Diebstahl	10,0
5. Diebstahl	10,0
6. Diebstahl	10,0
7. Diebstahl	10,0
8. Diebstahl	10,0
9. Diebstahl	10,0
10. Diebstahl	10,0
11. Diebstahl	10,0
12. Diebstahl	10,0
13. Diebstahl	10,0
14. Diebstahl	10,0
15. Diebstahl	10,0
16. Diebstahl	10,0
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
34. Diebstahl	10,0
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
45. Diebstahl	10,0
46. Diebstahl	10,0
47. Diebstahl	10,0
48. Diebstahl	10,0
49. Diebstahl	10,0
50. Diebstahl	10,0
51. Diebstahl	10,0
52. Diebstahl	10,0
53. Diebstahl	10,0
54. Diebstahl	10,0
55. Diebstahl	10,0
56. Diebstahl	10,0
57. Diebstahl	10,0
58. Diebstahl	10,0
59. Diebstahl	10,0
60. Diebstahl	10,0
61. Diebstahl	10,0
62. Diebstahl	10,0
63. Diebstahl	10,0
64. Diebstahl	10,0
65. Diebstahl	10,0
66. Diebstahl	10,0
67. Diebstahl	10,0
68. Diebstahl	10,0
69. Diebstahl	10,0
70. Diebstahl	10,0
71. Diebstahl	10,0
72. Diebstahl	10,0
73. Diebstahl	10,0
74. Diebstahl	10,0
75. Diebstahl	10,0
76. Diebstahl	10,0
77. Diebstahl	10,0
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

$$\mathbf{u}_{\text{rel}}^* = 91$$

MRS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

%Regularität

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


UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (links)

BAM-Prüfvorlage UG44; Farbmeter-Systeme MRS18 & MRS18nput: *cmy0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *olv* setrgbcolor / w* setgray*

Ausgabe: Farbmétrisches Reflexions-System MRS18

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

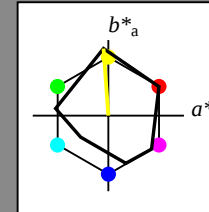
*lab*tch* und *lab*nch*

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit

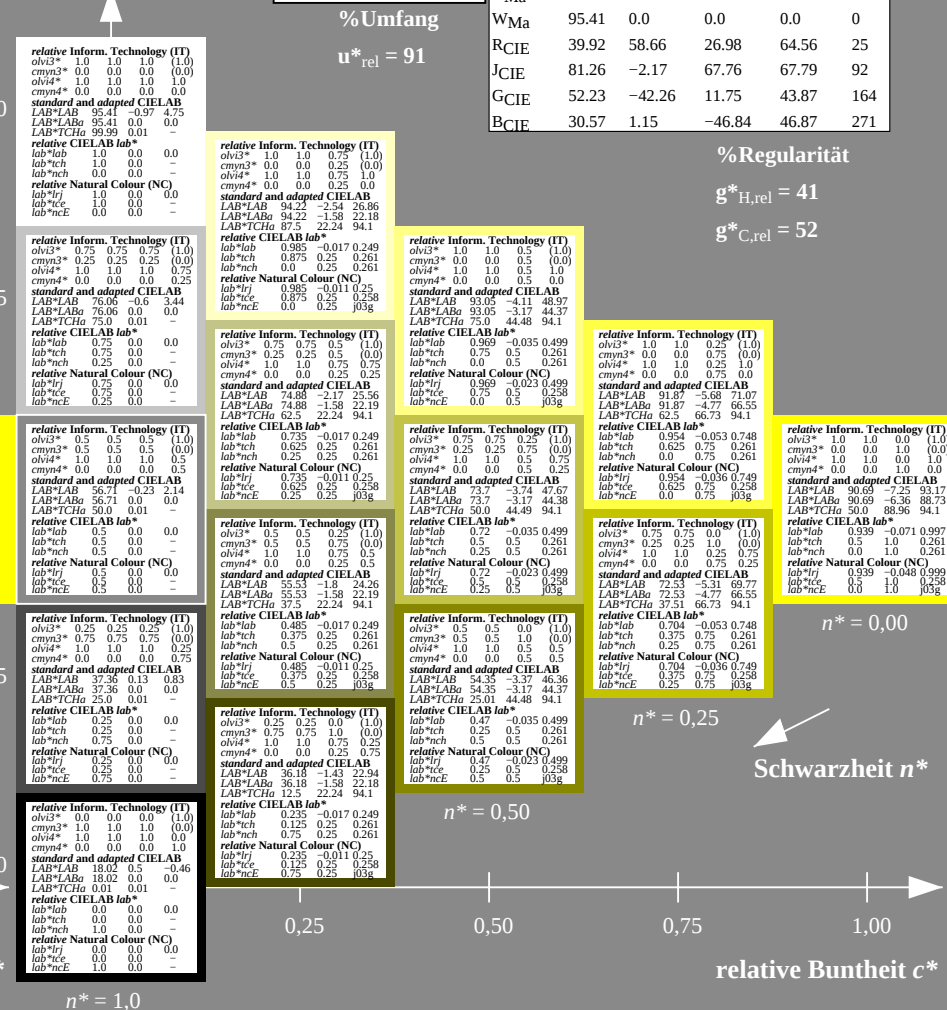


%Umfang

$$\mathbf{u}_{\text{rel}}^* = 91$$

MRS18; adaptierte CIELAB-Daten					
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h^*_{ab}
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

%Regularität

$$g^*_{H,rel} = 41$$
$$g^*_{C,rel} = 52$$
5 stufige Reihen für konstanten CIELAB Buntton $94/360 = 0.261$ (rechts)

Eingabe: Farbmatisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

D65: Buntton G
LCH*Ma: 52 70 172
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit

1,00

%Umfang

$u^*_{rel} = 91$

%Regularität

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

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

0,75

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

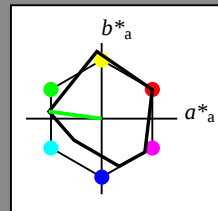
$g^*_{C,rel} = 52$

0,25

%Regularität

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

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



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

%Regularität

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

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

0,75

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

Ausgabe: Farbmatisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

D65: Buntton G
LCH*Ma: 52 70 172
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit

1,00

%Umfang

$u^*_{rel} = 91$

%Regularität

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

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

0,75

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

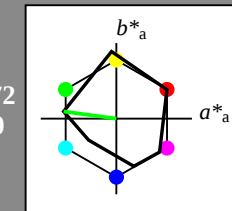
$g^*_{C,rel} = 52$

0,25

%Regularität

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

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



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

%Regularität

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

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

0,75

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

%Umfang

$u^*_{rel} = 91$

%Regularität

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

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

0,75

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

0,25

%Regularität

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

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

UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 172/360 = 0.479 (links)

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

BAM-Prüfvorlage UG44; Farbmatrik-Systeme MRS18 & MRS18nput: $cmy0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

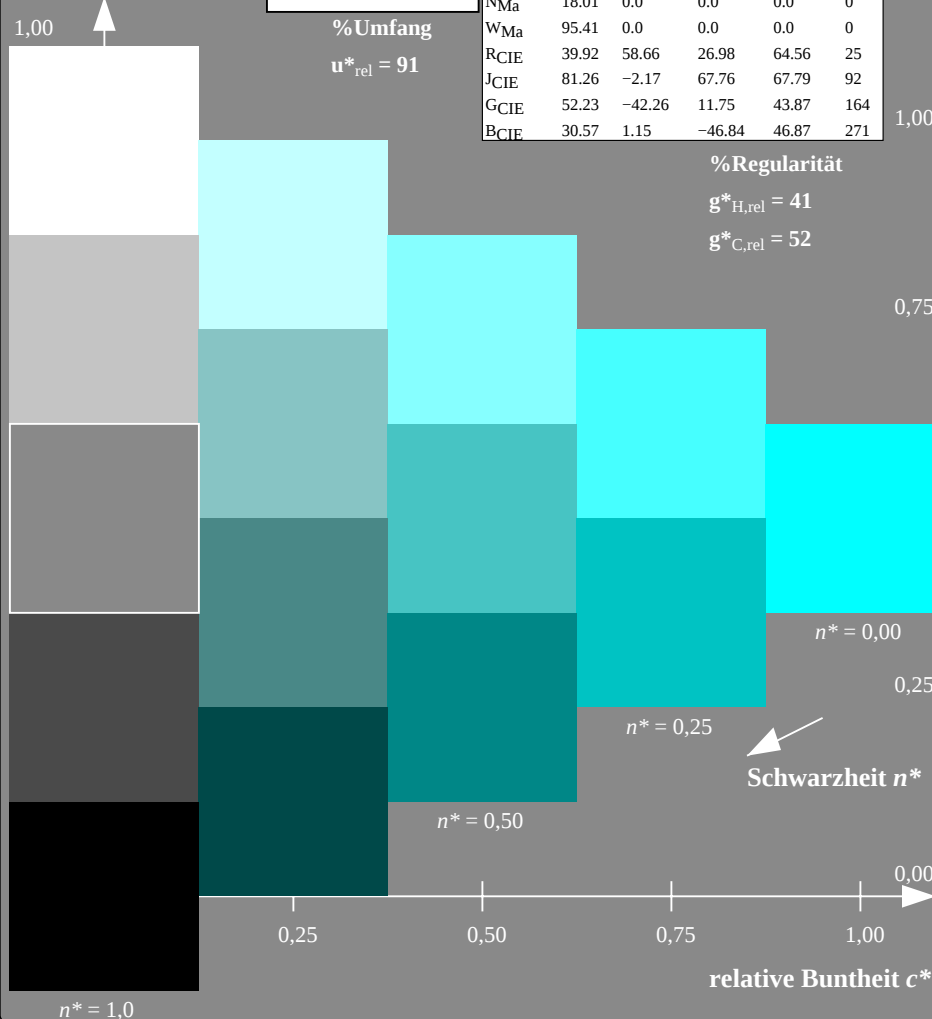
Eingabe: Farbmatisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (links)

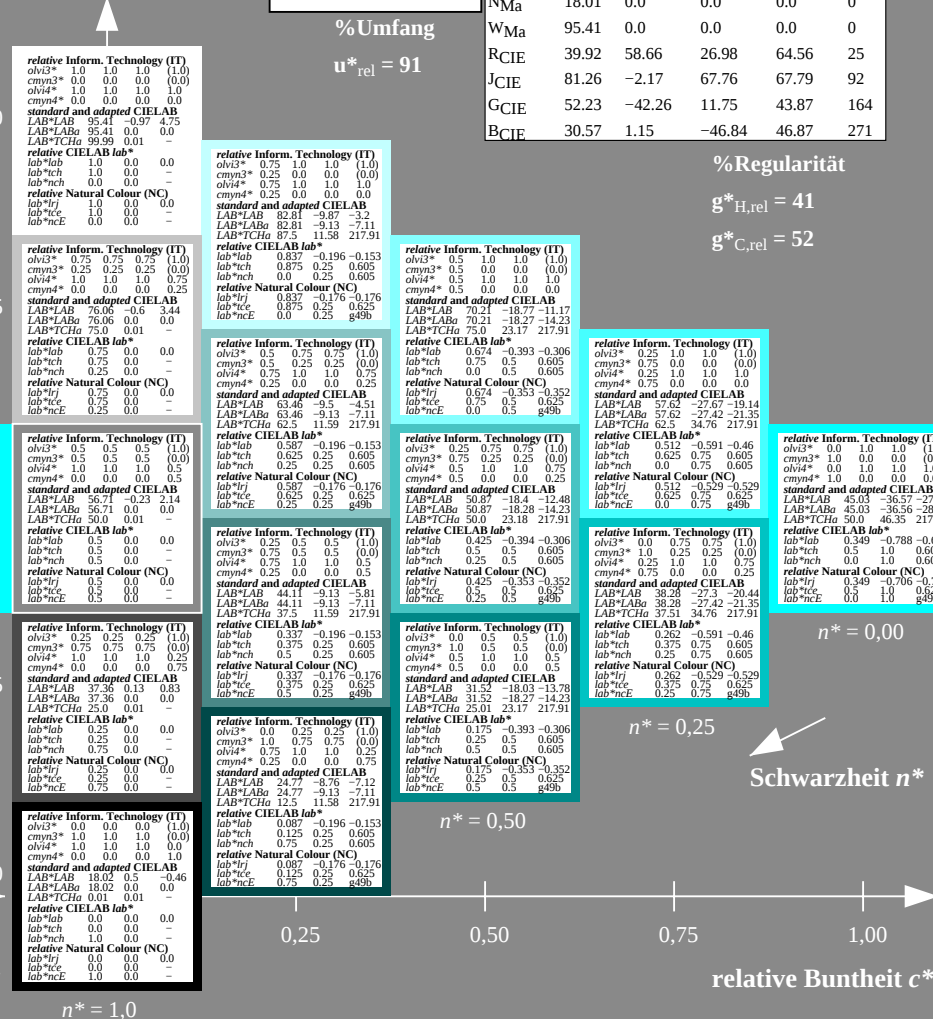
Ausgabe: Farbmatisches Reflexions-System MRS18

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



5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (rechts)

BAM-Prüfvorlage UG44; Farbmatrik-Systeme MRS18 & MRS18input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

Eingabe: Farbmatisches Reflexions-System MRS18

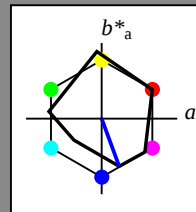
für Buntton $h^* = lab^*h = 290/360 = 0.806$

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



%Umfang

$u^*_{rel} = 91$

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

%Regularität

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

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

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	1.0	1.0
cmyn3*	0.0	0.0	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	95.41	-0.97	4.75	15.75	15.75
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*LABb	95.41	0.0	0.0	0.0	0.0
LAB*LABc	95.41	0.0	0.0	0.0	0.0
LAB*LABd	95.41	0.0	0.0	0.0	0.0
LAB*LABe	95.41	0.0	0.0	0.0	0.0
LAB*LABf	95.41	0.0	0.0	0.0	0.0
LAB*LABg	95.41	0.0	0.0	0.0	0.0
LAB*LABh	95.41	0.0	0.0	0.0	0.0
LAB*LABi	95.41	0.0	0.0	0.0	0.0
LAB*LABj	95.41	0.0	0.0	0.0	0.0
LAB*LABk	95.41	0.0	0.0	0.0	0.0
LAB*LABl	95.41	0.0	0.0	0.0	0.0
LAB*LABm	95.41	0.0	0.0	0.0	0.0
LAB*LABn	95.41	0.0	0.0	0.0	0.0
LAB*LABo	95.41	0.0	0.0	0.0	0.0
LAB*LABp	95.41	0.0	0.0	0.0	0.0
LAB*LABq	95.41	0.0	0.0	0.0	0.0
LAB*LABr	95.41	0.0	0.0	0.0	0.0
LAB*LABs	95.41	0.0	0.0	0.0	0.0
LAB*LABt	95.41	0.0	0.0	0.0	0.0
LAB*LABu	95.41	0.0	0.0	0.0	0.0
LAB*LABv	95.41	0.0	0.0	0.0	0.0
LAB*LABw	95.41	0.0	0.0	0.0	0.0
LAB*LABx	95.41	0.0	0.0	0.0	0.0
LAB*LABy	95.41	0.0	0.0	0.0	0.0
LAB*LABz	95.41	0.0	0.0	0.0	0.0

relative CIELAB lab*					
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	1.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	1.0	0.0	0.0	0.0	0.0
lab*trk	1.0	0.0	0.0	0.0	0.0
lab*trl	1.0	0.0	0.0	0.0	0.0
lab*trm	1.0	0.0	0.0	0.0	0.0
lab*trn	1.0	0.0	0.0	0.0	0.0
lab*tro	1.0	0.0	0.0	0.0	0.0
lab*trp	1.0	0.0	0.0	0.0	0.0
lab*trq	1.0	0.0	0.0	0.0	0.0
lab*trr	1.0	0.0	0.0	0.0	0.0
lab*trs	1.0	0.0	0.0	0.0	0.0
lab*trt	1.0	0.0	0.0	0.0	0.0
lab*tru	1.0	0.0	0.0	0.0	0.0
lab*trv	1.0	0.0	0.0	0.0	0.0
lab*trw	1.0	0.0	0.0	0.0	0.0
lab*trx	1.0	0.0	0.0	0.0	0.0
lab*try	1.0	0.0	0.0	0.0	0.0
lab*trz	1.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)					
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	1.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
lab*trj	1.0	0.0	0.0	0.0	0.0
lab*trk	1.0	0.0	0.0	0.0	0.0
lab*trl	1.0	0.0	0.0	0.0	0.0
lab*trm	1.0	0.0	0.0	0.0	0.0
lab*trn	1.0	0.0	0.0	0.0	0.0
lab*tro	1.0	0.0	0.0	0.0	0.0
lab*trp	1.0	0.0	0.0	0.0	0.0
lab*trq	1.0	0.0	0.0	0.0	0.0
lab*trr	1.0	0.0	0.0	0.0	0.0
lab*trs	1.0	0.0	0.0	0.0	0.0
lab*trt	1.0	0.0	0.0	0.0	0.0
lab*tru	1.0	0.0	0.0	0.0	0.0
lab*trv	1.0	0.0	0.0	0.0	0.0
lab*trw	1.0	0.0	0.0	0.0	0.0
lab*trx	1.0	0.0	0.0	0.0	0.0
lab*try	1.0	0.0	0.0	0.0	0.0
lab*trz	1.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*LAB	76.06	-0.6	3.44	11.17	-28.74
LAB*LABa	76.06	0.0	0.0	11.17	-28.74
LAB*LABb	76.06	0.0	0.0	11.17	-28.74
LAB*LABc	76.06	0.0	0.0	11.17	-28.74
LAB*LABd	76.06	0.0	0.0	11.17	-28.74
LAB*LABe	76.06	0.0	0.0	11.17	-28.74
LAB*LABf	76.06	0.0	0.0	11.17	-28.74
LAB*LABg	76.06	0.0	0.0	11.17	-28.74
LAB*LABh	76.06	0.0	0.0	11.17	-28.74
LAB*LABi	76.06	0.0	0.0	11.17	-28.74
LAB*LABj	76.06	0.0	0.0	11.17	-28.74
LAB*LABk	76.06	0.0	0.0	11.17	-28.74
LAB*LABl	76.06	0.0	0.0	11.17	-28.74
LAB*LABm	76.06	0.0	0.0	11.17	-28.74
LAB*LABn	76.06	0.0	0.0	11.17	-28.74
LAB*LABo	76.06	0.0	0.0	11.17	-28.74
LAB*LABp	76.06	0.0	0.0	11.17	-28.74
LAB*LABq	76.06	0.0	0.0	11.17	-28.74
LAB*LABr	76.06	0.0	0.0	11.17	-28.74
LAB*LABs	76.06	0.0	0.0	11.17	-28.74
LAB*LABt	76.06	0.0	0.0	11.17	-28.74
LAB*LABu	76.06	0.0	0.0	11.17	-28.74
LAB*LABv	76.06	0.0	0.0	11.17	-28.74
LAB*LABw	76.06	0.0	0.0	11.17	-28.74
LAB*LABx	76.06	0.0	0.0	11.17	-28.74
LAB*LABy	76.06	0.0	0.0	11.17	-28.74
LAB*LABz	76.06	0.0	0.0	11.17	-28.74

relative CIELAB lab*					
lab*lab	0.5	0.5	0.5	0.5	0.5
lab*tch	0.5	0.5	0.5	0.5	0.5
lab*nch	0.5	0.5	0.5	0.5	0.5
lab*trj	0.5	0.5	0.5	0.5	0.5
lab*trk	0.5	0.5	0.5	0.5	0.5
lab*trl	0.5	0.5	0.5	0.5	0.5
lab*trm	0.5	0.5	0.5	0.5	0.5
lab*trn	0.5	0.5	0.5	0.5	0.5
lab*tro	0.5	0.5	0.5	0.5	0.5
lab*trp	0.5	0.5	0.5	0.5	0.5
lab*trq	0.5	0.5	0.5	0.5	0.5
lab*trr	0.5	0.5	0.5	0.5	0.5
lab*trs	0.5	0.5	0.5	0.5	0.5
lab*trt	0.5	0.5	0.5	0.5	0.5
lab*tru	0.5	0.5	0.5	0.5	0.5
lab*trv	0.5	0.5	0.5	0.5	0.5
lab*trw	0.5	0.5	0.5	0.5	0.5
lab*trx	0.5	0.5	0.5	0.5	0.5
lab*try	0.5	0.5	0.5	0.5	0.5
lab*trz	0.5	0.5	0.5	0.5	0.5

relative Natural Colour (NC)					
lab*lab	0.5	0.5	0.5	0.5	0.5
lab*tch	0.5	0.5	0.5	0.5	0.5
lab*nch	0.5	0.5	0.5	0.5	0.5
lab*trj	0.5	0.5	0.5	0.5	0.5
lab*trk	0.5	0.5	0.5	0.5	0.5
lab*trl	0.5	0.5	0.5	0.5	0.5
lab*trm	0.5	0.5	0.5	0.5	0.5
lab*trn	0.5	0.5	0.5	0.5	0.5
lab*tro	0.5	0.5	0.5	0.5	0.5
lab*trp	0.5	0.5	0.5	0.5	0.5
lab*trq	0.5	0.5	0.5	0.5	0.5
lab*trr	0.5	0.5	0.5	0.5	0.5
lab*trs	0.5	0.5	0.5	0.5	0.5
lab*trt	0.5	0.5	0.5	0.5	0.5
lab*tru	0.5	0.5	0.5	0.5	0.5
lab*trv	0.5	0.5	0.5	0.5	0.5
lab*trw	0.5	0.5	0.5	0.5	0.5
lab*trx	0.5	0.5	0.5	0.5	0.5
lab*try	0.5	0.5	0.5	0.5	0.5
lab*trz	0.5	0.5	0.5	0.5	0.5

standard and adapted CIELAB					
LAB*LAB	56.71	0.23	2.14	11.55	-30.05
LAB*LABa	56.71	0.0	0.0	11.55	-30.05
LAB*LABb	56.71	0.0	0.0	11.55	-30.05
LAB*LABc	56.71	0.0	0.0	11.55	-30.05
LAB*LABd	56.71	0.0	0.0	11.55	-30.05
LAB*LABe	56.71	0.0	0.0	11.55	-30.05
LAB*LABf	56.71	0.0	0.0	11.55	-30.05
LAB*LABg	56.71	0.0	0.0	11.55	-30.05
LAB*LABh	56.71	0.0	0.0	11.55	-30.05
LAB*LABi	56.71	0.0	0.0	11.55	-30.05
LAB*LABj	56.71	0.0	0.0	11.55	-30.05
LAB*LABk	56.71	0.0	0.0	11.55	-30.05
LAB*LABl	56.71	0.0	0.0	11.55	-30.05
LAB*LABm	56.71	0.0	0.0	11.55	-30.05
LAB*LABn	56.71	0.0	0.0	11.55	-30.05
LAB*LABo	56.71	0.0	0.0	11.55	-30.05
LAB*LABp	56.71	0.0	0.0	11.55	-30.05
LAB*LABq	56.71	0.0	0.0	11.55	-30.05
LAB*LABr	56.71	0.0	0.0	11.55	-30.05
LAB*LABs	56.71	0.0	0.0	11.55	-30.05
LAB*LABt	56.71	0.0	0.0	11.55	-30.05
LAB*LABu	56.71	0.0	0.0	11.55	-30.05
LAB*LABv	56.71	0.0	0.0	11.55	-30.05
LAB*LABw	56.71	0.0	0.0	11.55	-30.05
LAB*LABx	56.71	0.0	0.0	11.55	-30.05
LAB*LABy	56.71	0.0	0.0	11.55	-30.05
LAB*LABz	56.71	0.0	0.0	11.55	-30.05

LAB*LABa	37.36	0.0	0.0
LAB*TCha	25.0	0.01	-
relative CIELAB lab*			
lab*lab	0.25	0.0	0.0
lab*tch	0.25	0.0	-
lab*nch	0.75	0.0	-
relative Natural Colour (NC)			
lab*lrj	0.25	0.0	0.0
lab*tce	0.25	0.0	-
lab*ncF	0.75	0.0	-

Eingabe: Farbmatisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

D65: Buntton B50R
LCH*Ma: 35 72 322
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

1,00

%Umfang

$u^*_{rel} = 91$

%Regularität

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,00

$n^* = 0,50$

0,25

0,00

$n^* = 1,0$

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

0,75

1,00

relative Buntheit c^*

0,25

0,50

Eingabe: Farbmatisches Reflexions-System MRS18

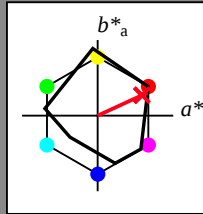
für Buntton $h^* = lab^*h = 25/360 = 0.069$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00



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

%Regularität

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

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

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*TC _{Ha}	98.99	0.01	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		
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)					
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*TC _{Ha}	75.0	0.01	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		
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)					
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*TC _{Ha}	50.0	0.01	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		
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)					
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*TC _{Ha}	25.0	0.01	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		
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)					
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	0.0	0.46		
LAB*LABa	18.02	0.0	0.0		
LAB*TC _{Ha}	0.01	0.01	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		
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

$n^* = 1,0$

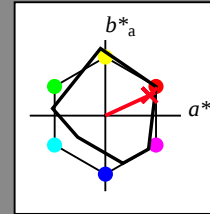
Ausgabe: Farbmatisches Reflexions-System MRS18

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



%Umfang

$u^*_{rel} = 91$

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

%Regularität

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

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

relative Inform. Technology (IT)					
olvi3*	1.0	0.75	0.774	(1.0)	
cmyn3*	0.0	0.25	0.226	(0.0)	
olvi4*	1.0	0.75	0.774	1.0	
cmyn4*	0.0	0.25	0.226	0.0	
standard and adapted CIELAB					
LAB*LAB	83.6	15.74	11.55		
LAB*LABa	83.6	16.5	7.59		
LAB*TC _{Ha}	87.5	18.16	24.69		
relative CIELAB lab*					
lab*lab	0.847	0.25	0.0		
lab*tch	0.847	0.25	0.0		
lab*nch	0.0	0.25	0.0		
lab*trj	0.847	0.25	0.0		
lab*tce	0.847	0.25	0.0		
lab*nce	0.0	0.25	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.5	0.524	(1.0)	
cmyn3*	0.25	0.5	0.476	(0.0)	
olvi4*	1.0	0.75	0.774	0.75	
cmyn4*	0.0	0.25	0.226	0.25	
standard and adapted CIELAB					
LAB*LAB	64.26	16.12	10.25		
LAB*LABa	64.26	16.5	7.59		
LAB*TC _{Ha}	62.5	18.16	24.7		
relative CIELAB lab*					
lab*lab	0.598	0.227	0.104		
lab*tch	0.598	0.227	0.104		
lab*nch	0.25	0.25	0.069		
lab*trj	0.598	0.227	0.104		
lab*tce	0.598	0.227	0.104		
lab*nce	0.25	0.25	0.069		

relative Inform. Technology (IT)					
olvi3*	0.5	0.25	0.278	(1.0)	
cmyn3*	0.5	0.75	0.726	(0.0)	
olvi4*	1.0	0.75	0.774	0.5	
cmyn4*	0.0	0.25	0.226	0.5	
standard and adapted CIELAB					
LAB*LAB	44.91	16.49	8.94		
LAB*LABa	44.91	16.5	7.59		
LAB*TC _{Ha}	37.5	18.16	24.7		
relative CIELAB lab*					
lab*lab	0.348	0.227	0.104		
lab*tch	0.348	0.227	0.104		
lab*nch	0.25	0.25	0.069		
lab*trj	0.348	0.227	0.104		
lab*tce	0.348	0.227	0.104		
lab*nce	0.25	0.25	0.069		

relative Inform. Technology (IT)					
olvi3*	0.25	0.0	0.024	(1.0)	
cmyn3*	0.75	1.0	0.976	(0.0)	
olvi4*	1.0	0.75	0.774	0.25	
cmyn4*	0.0	0.25	0.226	0.75	
standard and adapted CIELAB					
LAB*LAB	33.77	33.21	15.74		
LAB*LABa	33.11	33.0	15.18		
LAB*TC _{Ha}	25.01	36.33	24.71		
relative CIELAB lab*					
lab*lab	0.195	0.454	0.209		
lab*tch	0.195	0.454	0.209		
lab*nch	0.25	0.5	0.069		
lab*trj	0.195	0.454	0.209		
lab*tce	0.195	0.454	0.209		
lab*nce	0.25	0.5	0.069		

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	0.0	0.46		
LAB*LABa	18.02	0.0	0.0		
LAB*TC _{Ha}	0.01	0.01	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		
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

$n^* = 0,50$

n. Technology (IT)				
0.5	0.548	(1.0)		
0.5	0.452	(0.0)		
0.5	0.549	1.0		
0.5	0.451	0.0		
adapted CIELAB				
1.8	32.47	18.34		
1.8	33.0	15.17		
5.0	36.32	24.7		

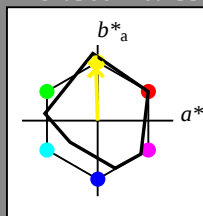
Eingabe: Farbmatisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 89 86 92
rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit



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

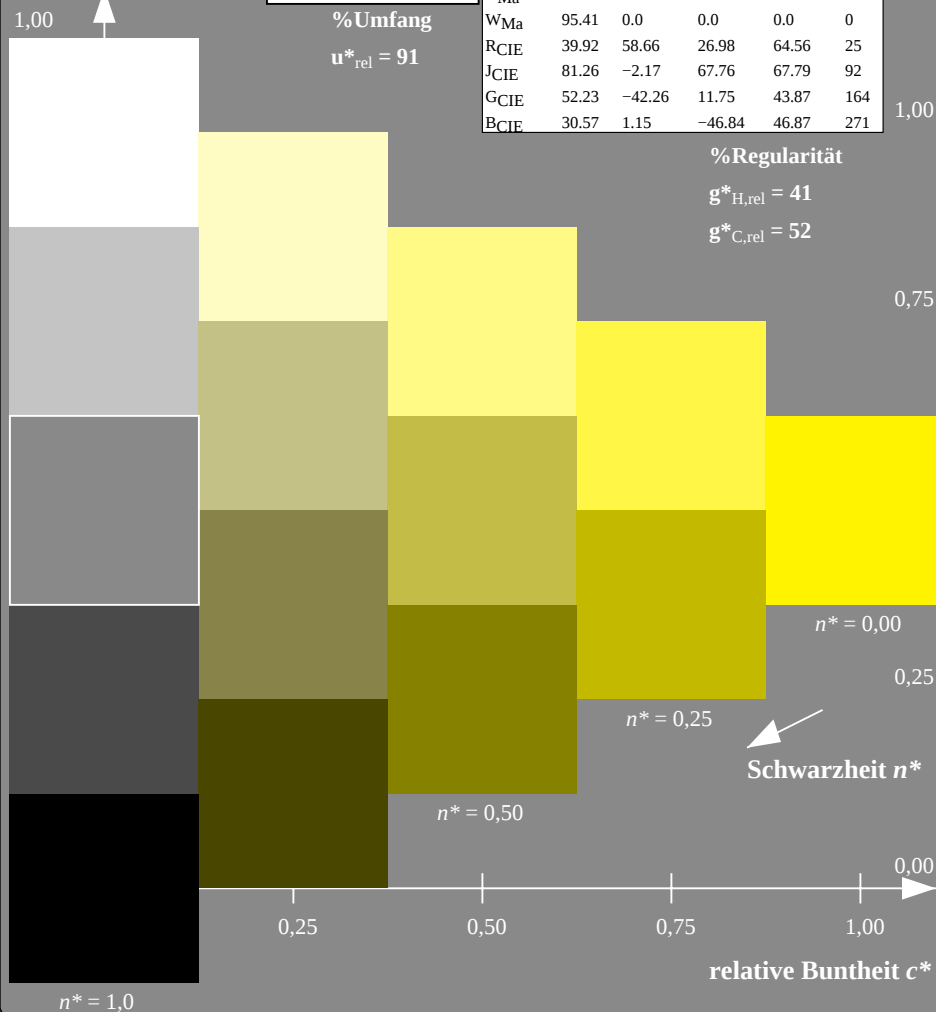
%Regularität

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

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

1,00

%Umfang



UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

BAM-Prüfvorlage UG44; Farbmatrik-Systeme MRS18 & MRS18nput: $cmy0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

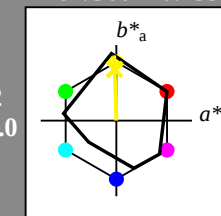
Ausgabe: Farbmatisches Reflexions-System MRS18

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

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 89 86 92
rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit



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

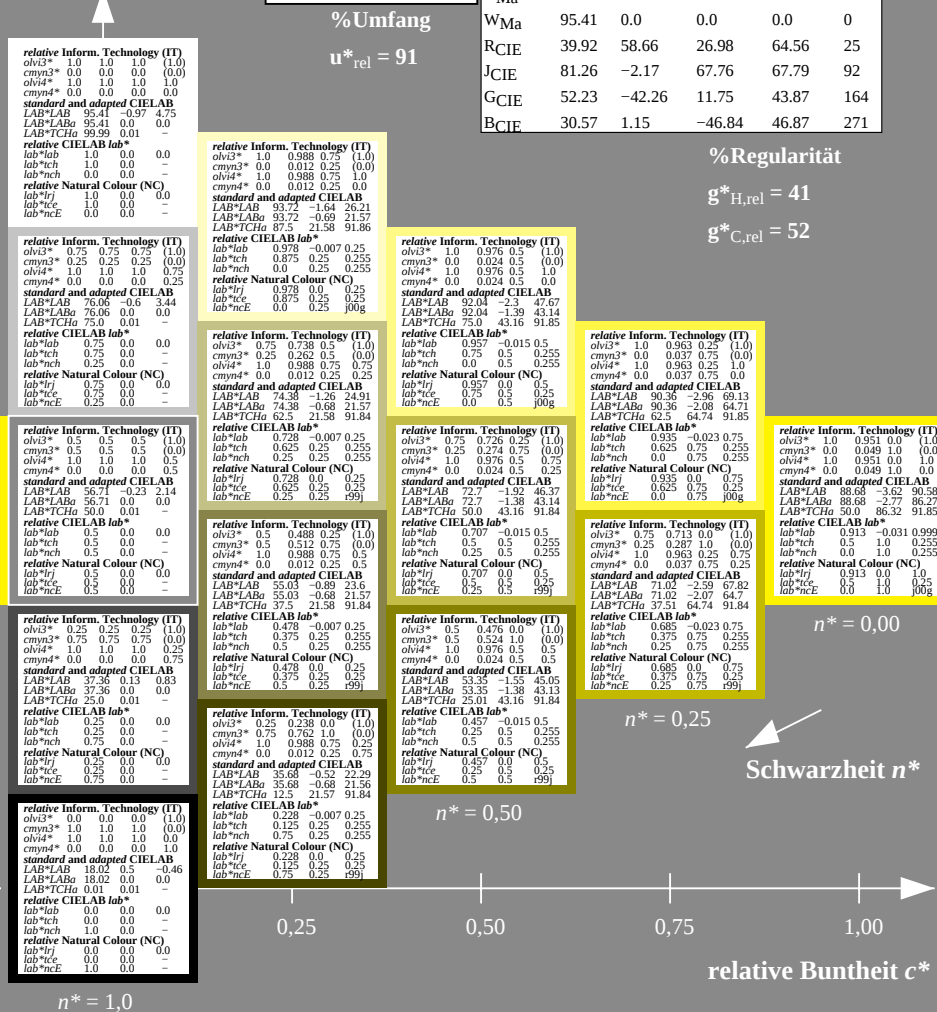
%Regularität

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

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

1,00

%Umfang



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

Eingabe: Farbmétrisches Reflexions-System MRS18

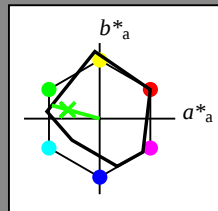
für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*tch und lab^*nch

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

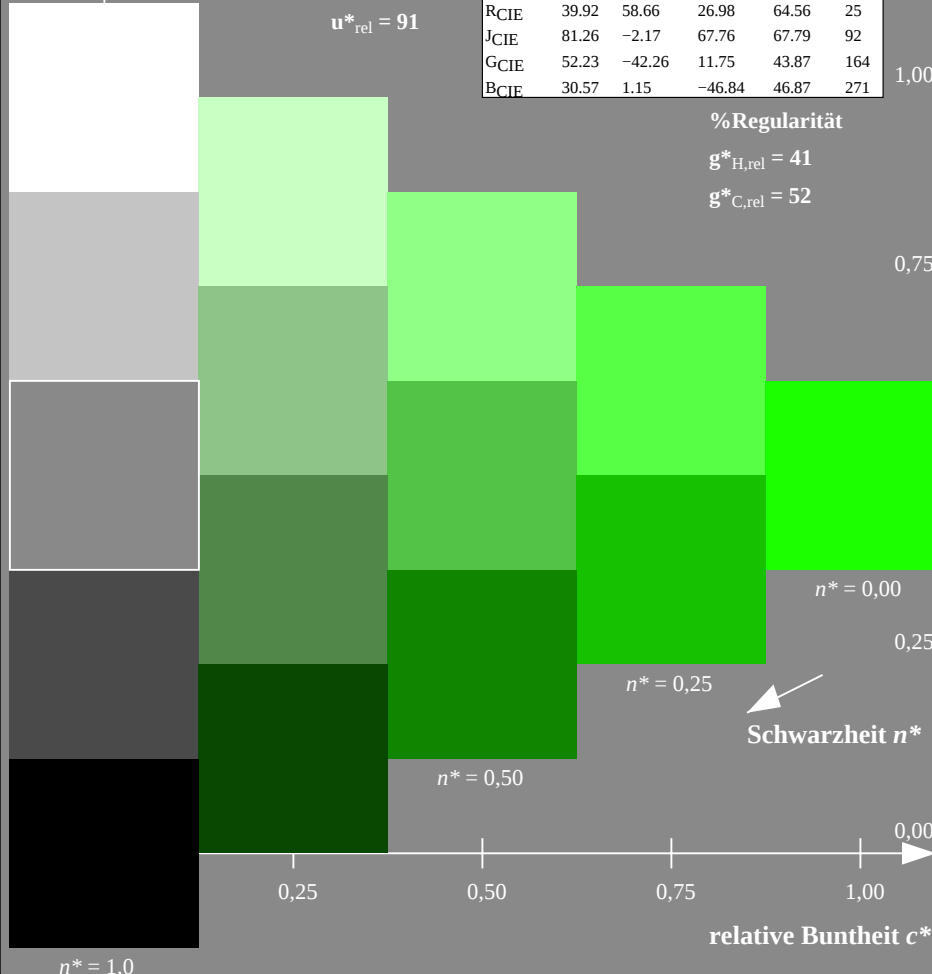
Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 91$



UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

BAM-Prüfvorlage UG44; Farbmétrik-Systeme MRS18 & MRS18nput: `cmv0* setcmvcolor`

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `olv* setrgbcolor / w* setgray`

Ausgabe: Farbmétrisches Reflexions-System MRS18

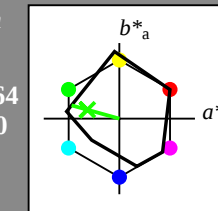
für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*tch und lab^*nch

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

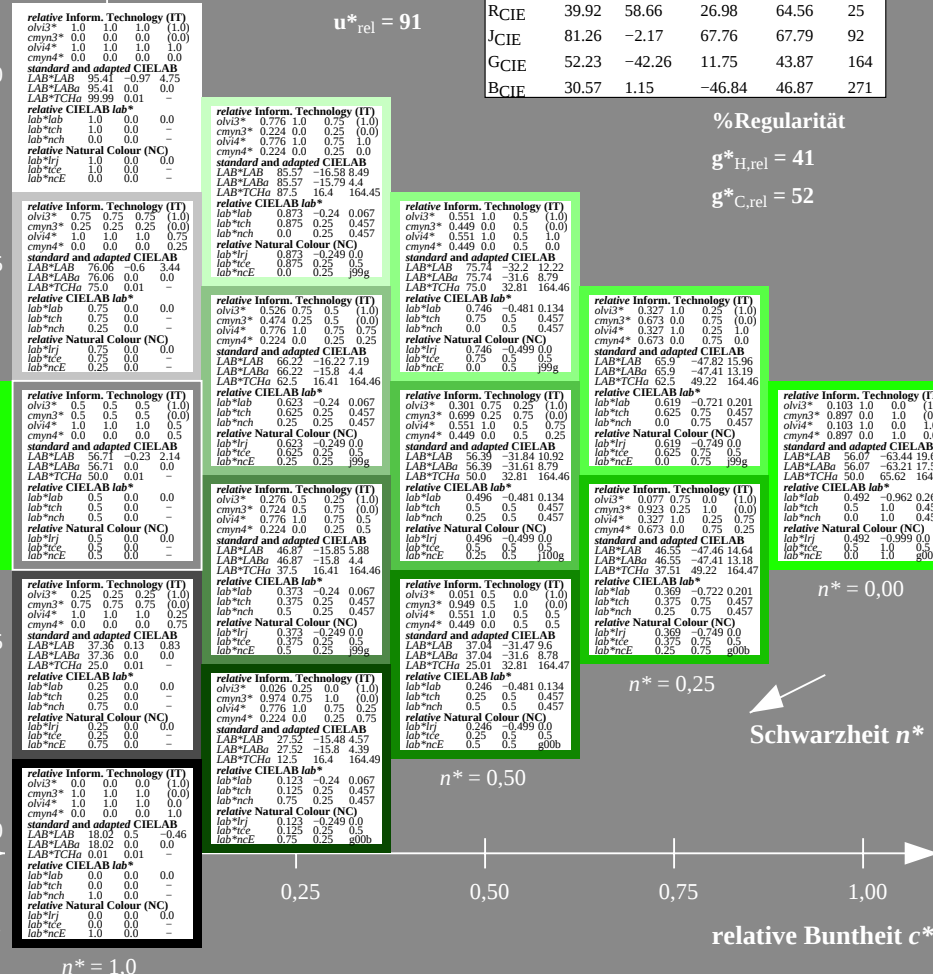
Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 91$



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

Eingabe: Farbmetrisches Reflexions-System MRS18

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

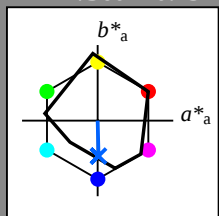
lab*tch und lab*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

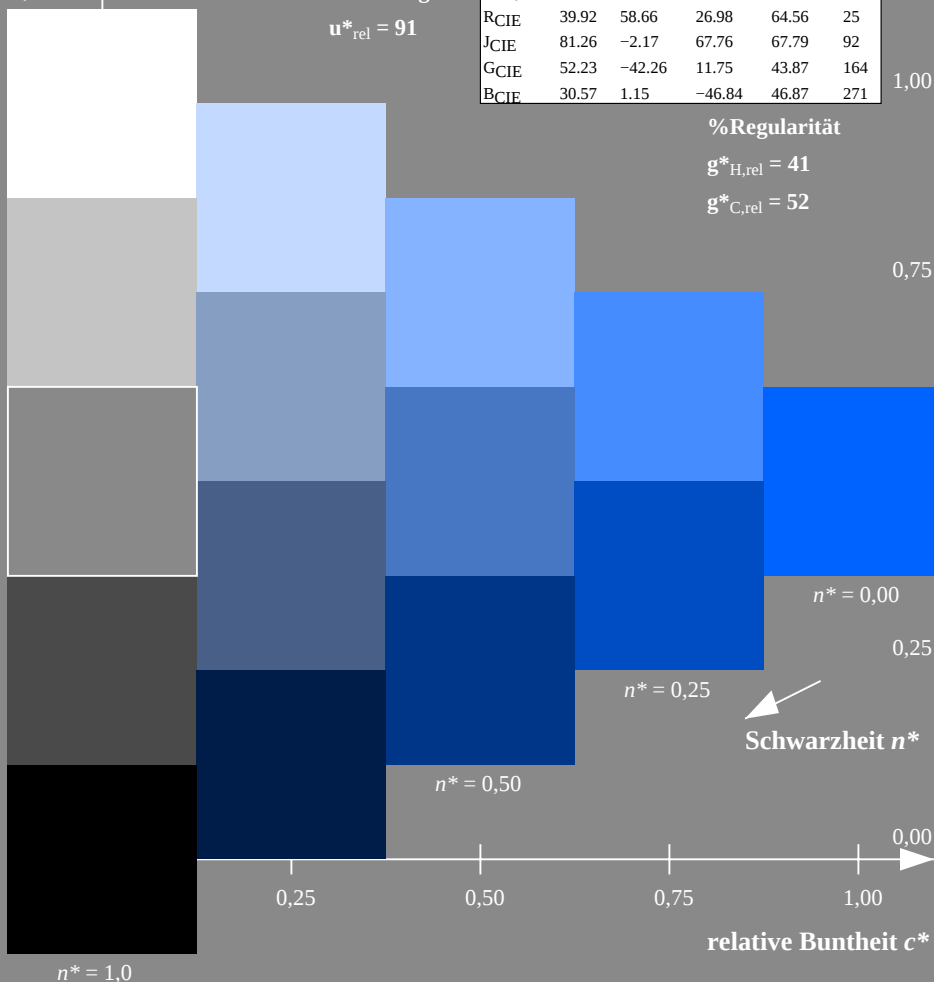
Dreiecks-Helligkeit



%Umfang

$$u^*_{\text{opt}} = 91$$

1,00 



UG440-7, 5 stufige Reihen für konstanten CIELAB Buntton $271/360 = 0.754$ (links)

BAM-Prüfvorlage UG44; Farbmatrik-Systeme MRS18 & MRS18nput: *cmy0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *olv* setrgbcolor / w* setgray*

Ausgabe: Farbmétrisches Reflexions-System MRS18

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

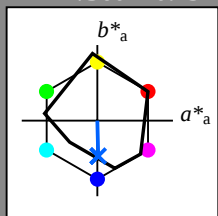
lab*tch und lab*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

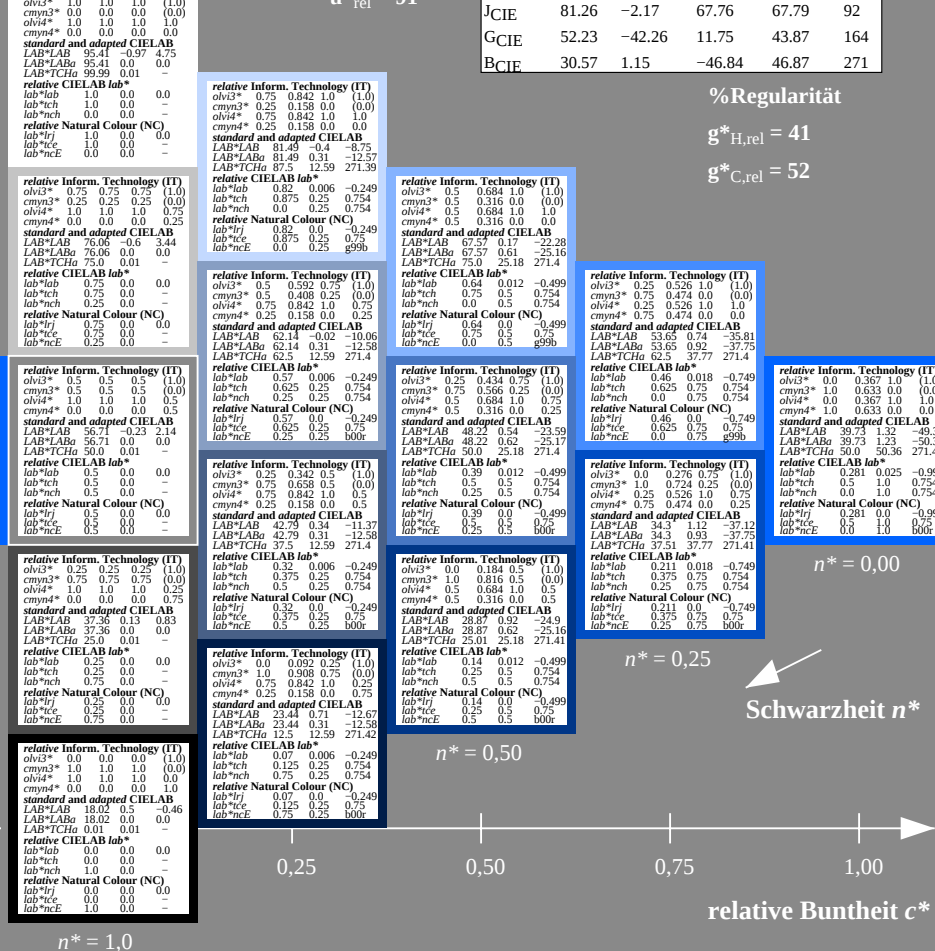
Dreiecks-Helligkeit



%Umfang

$$u^*_{n-1} = 91$$

relative Inform. Te	1.0	1.0
---------------------	-----	-----

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