

Eingabe: Farbmetrisches Reflexions-System MRS18

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

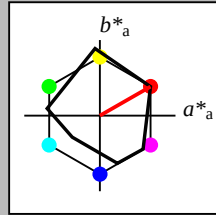
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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*LAB 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.75 (1.0)
olvi4* 0.0 0.25 0.25 (0.0)
olvi5* 1.0 0.75 0.75 (1.0)
olvi6* 0.0 0.25 0.25 (0.0)
olvi7* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 83.96 15.97 13.58
LAB*LAB 83.96 16.73 9.59
LAB*LAB 83.96 16.73 9.59

relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.75 (1.0)
olvi4* 0.0 0.25 0.25 (0.0)
olvi5* 1.0 0.75 0.75 (1.0)
olvi6* 0.0 0.25 0.25 (0.0)
olvi7* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 83.96 15.97 13.58
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relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.75 (1.0)
olvi4* 0.0 0.25 0.25 (0.0)
olvi5* 1.0 0.75 0.75 (1.0)
olvi6* 0.0 0.25 0.25 (0.0)
olvi7* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 83.96 15.97 13.58
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relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.75 (1.0)
olvi4* 0.0 0.25 0.25 (0.0)
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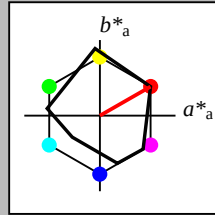
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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*LAB 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 1.0 0.75 0.75 (1.0)
olvi4* 0.0 0.25 0.25 (0.0)
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LAB*LAB 83.96 16.73 9.59

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olvi4* 0.0 0.25 0.25 (0.0)
olvi5* 1.0 0.75 0.75 (1.0)
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olvi7* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 83.96 15.97 13.58
LAB*LAB 83.96 16.73 9.59
LAB*LAB 83.96 16.73 9.59

TG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

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

BAM-Prüfvorlage TG54; Farbmetrik-Systeme MRS18 & MRS18input: $olv^*setrgbcolor$

D65: 2 Koordinaten-Daten von 25stufigen Farbreihen für 10 Bunttonen: $olv^*setrgbcolor / w^*setgray$

Eingabe: Farbmetrisches Reflexions-System MRS18

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

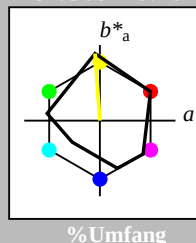
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

%Regularität

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

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

%Regularität

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

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%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

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

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

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Ausgabe: Farbmetrisches Reflexions-System MRS18

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

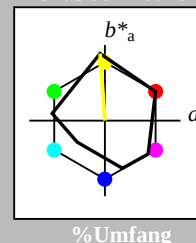
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

%Regularität

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

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

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	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
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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

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

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

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

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

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TG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (links)

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

BAM-Prüfvorlage TG54; Farbmetrik-Systeme MRS18 & MRS18input: $olv^* setrgbcolor$

D53 2 Koordinate-Daten von 25stufigen Farbreihen für 10 Bunttonen: $olv^* setrgbcolor / w^* setgray$

für 10 Bunttöne: `olv* setrabcolor`

Page 10 of 10

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntt

Eingabe: Farbmetrisches Reflexions-System MRS18

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

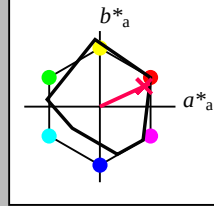
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 0.75 0.75 0.75 (1.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)

MRS18; adaptierte CIELAB-Daten

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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 0.548 (1.0)
olvi4* 0.0 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 71.8 32.47 18.34
LAB*LABa 71.8 33.0 15.17
LAB*LABb 75.0 36.32 24.7

relative CIELAB lab*
lab*lab 0.695 0.454 0.209
lab*lab 0.75 0.5 0.548 (1.0)
lab*lab 0.695 0.454 0.209
lab*lab 0.75 0.5 0.548 (1.0)
lab*lab 0.695 0.454 0.209
relative Natural Colour (NC)
lab*lab 0.695 0.454 0.209
lab*lab 0.75 0.5 0.548 (1.0)
lab*lab 0.695 0.454 0.209

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.548 (1.0)
olvi4* 0.25 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 60.0 49.2 25.13
LAB*LABa 60.0 49.5 22.76
LAB*LABb 62.5 54.49 24.7

relative CIELAB lab*
lab*lab 0.543 0.681 0.313
lab*lab 0.625 0.75 0.069
lab*lab 0.543 0.681 0.313
lab*lab 0.625 0.75 0.069
lab*lab 0.543 0.681 0.313
relative Natural Colour (NC)
lab*lab 0.543 0.681 0.313
lab*lab 0.625 0.75 0.069
lab*lab 0.543 0.681 0.313

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.548 (1.0)
olvi4* 0.25 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 40.66 49.57 23.94
LAB*LABa 40.66 49.5 22.76
LAB*LABb 43.1 54.49 24.7

relative CIELAB lab*
lab*lab 0.293 0.681 0.313
lab*lab 0.375 0.75 0.069
lab*lab 0.293 0.681 0.313
lab*lab 0.375 0.75 0.069
lab*lab 0.293 0.681 0.313
relative Natural Colour (NC)
lab*lab 0.293 0.681 0.313
lab*lab 0.375 0.75 0.069
lab*lab 0.293 0.681 0.313

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.903 (0.0)
olvi4* 0.25 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 48.21 65.92 31.93
LAB*LABa 48.21 66.0 30.36
LAB*LABb 50.0 72.65 24.7

relative CIELAB lab*
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418
relative Natural Colour (NC)
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.903 (0.0)
olvi4* 0.25 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 48.21 65.92 31.93
LAB*LABa 48.21 66.0 30.36
LAB*LABb 50.0 72.65 24.7

relative CIELAB lab*
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418
relative Natural Colour (NC)
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418

Ausgabe: Farbmetrisches Reflexions-System MRS18

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

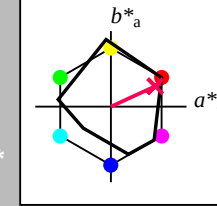
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 0.75 0.75 0.75 (1.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 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*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)

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
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 0.548 (1.0)
olvi4* 0.0 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 71.8 32.47 18.34
LAB*LABa 71.8 33.0 15.17
LAB*LABb 75.0 36.32 24.7

relative CIELAB lab*
lab*lab 0.695 0.454 0.209
lab*lab 0.75 0.5 0.548 (1.0)
lab*lab 0.695 0.454 0.209
lab*lab 0.75 0.5 0.548 (1.0)
lab*lab 0.695 0.454 0.209
relative Natural Colour (NC)
lab*lab 0.695 0.454 0.209
lab*lab 0.75 0.5 0.548 (1.0)
lab*lab 0.695 0.454 0.209

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.548 (1.0)
olvi4* 0.25 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 60.0 49.2 25.13
LAB*LABa 60.0 49.5 22.76
LAB*LABb 62.5 54.49 24.7

relative CIELAB lab*
lab*lab 0.543 0.681 0.313
lab*lab 0.625 0.75 0.069
lab*lab 0.543 0.681 0.313
lab*lab 0.625 0.75 0.069
lab*lab 0.543 0.681 0.313
relative Natural Colour (NC)
lab*lab 0.543 0.681 0.313
lab*lab 0.625 0.75 0.069
lab*lab 0.543 0.681 0.313

relative Inform. Technology (IT)
olvi3* 0.75 0.5 0.548 (1.0)
olvi4* 0.25 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 40.66 49.57 23.94
LAB*LABa 40.66 49.5 22.76
LAB*LABb 43.1 54.49 24.7

relative CIELAB lab*
lab*lab 0.293 0.681 0.313
lab*lab 0.375 0.75 0.069
lab*lab 0.293 0.681 0.313
lab*lab 0.375 0.75 0.069
lab*lab 0.293 0.681 0.313
relative Natural Colour (NC)
lab*lab 0.293 0.681 0.313
lab*lab 0.375 0.75 0.069
lab*lab 0.293 0.681 0.313

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.903 (0.0)
olvi4* 0.25 0.5 0.548 (1.0)
olvi5* 1.0 0.5 0.548 (1.0)
olvi6* 0.0 0.5 0.548 (1.0)
olvi7* 0.0 0.5 0.548 (1.0)
standard and adapted CIELAB
LAB*LAB 48.21 65.92 31.93
LAB*LABa 48.21 66.0 30.36
LAB*LABb 50.0 72.65 24.7

relative CIELAB lab*
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418
lab*lab 0.5 0.0 0.903 (0.0)
lab*lab 0.39 0.908 0.418
relative Natural Colour (NC)
lab*lab

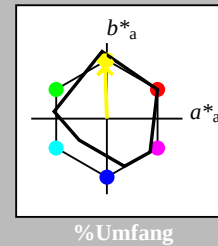
Eingabe: Farbmetrisches Reflexions-System MRS18

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

lab^*ch und lab^*nch

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

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

%Umfang

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (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

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

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

%Umfang

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

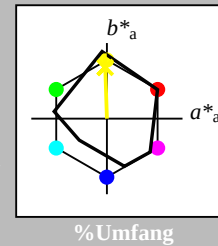
Ausgabe: Farbmetrisches Reflexions-System MRS18

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

lab^*ch und lab^*nch

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

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

%Umfang

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (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

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

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

%Umfang

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

TG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

BAM-Prüfvorlage TG54; Farbmetrik-Systeme MRS18 & MRS18input: $olv^*setrgbcolor$

D65 2 Koordinate-Daten von 5stufigen Farbreihen für 10 Bunttonen: $olv^*setrgbcolor / w^*setgray$

