

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
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^*



%Umfang

$u^*_{rel} = 91$

%Regulartität

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

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

relative Inform. Technology (IT)
olv13* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv14* 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*LABo 95.41 0.0 0.0
LAB*TCHo 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.5 0.0 (1.0)
lab*ch 1.0 0.0 - (0.0)
lab*nch 1.0 0.0 - (0.0)
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0 (1.0)
lab*lce 1.0 0.0 0.0 (1.0)
lab*nce 1.0 0.0 - (0.0)

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olv13* 0.5 0.5 0.5 (1.0)
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LAB*LAB 56.71 -0.23 2.14
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LAB*TCHo 50.01 -

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lab*lab 0.5 0.0 0.0 (1.0)
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$n^* = 1.0$

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LAB*LAB 72.52 32.93 22.4
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LAB*TCHo 75.0 38.58 29.82

relative CIELAB lab*
lab*lab 0.704 0.434 0.249
lab*ch 0.75 0.5 0.083
lab*nch 0.0 0.5 0.083
relative Natural Colour (NC)
lab*lrj 0.704 0.496 0.06
lab*lce 0.75 0.5 0.019
lab*nce 0.0 0.5 0.071

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standard and adapted CIELAB
LAB*LAB 33.82 33.67 19.79
LAB*LABo 33.82 33.47 19.18
LAB*TCHo 25.01 38.58 29.82

relative CIELAB lab*
lab*lab 0.204 0.434 0.249
lab*ch 0.25 0.5 0.083
lab*nch 0.0 0.5 0.083
relative Natural Colour (NC)
lab*lrj 0.204 0.496 0.06
lab*lce 0.25 0.5 0.019
lab*nce 0.5 0.5 0.071

relative Inform. Technology (IT)
olv13* 0.0 0.0 0.0 (0.0)
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MRS18; adaptierte CIELAB-Daten									
	L^*	a^*	b^*	C^*	h^*	ab_{ab}			
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				
GCIE	81.26	-2.17	67.76	67.79	92				
BCIE	52.23	-42.26	11.75	43.87	164				
BCIE	30.57	1.15	-46.84	46.87	271				

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olv13* 1.0 0.0 0.0 (1.0)
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standard and adapted CIELAB
LAB*LAB 49.63 66.84 40.03
LAB*LABo 49.63 66.95 38.36
LAB*TCHo 50.0 77.16 29.82

relative CIELAB lab*
lab*lab 0.409 0.867 0.497
lab*ch 0.409 0.993 0.119
lab*nch 0.0 1.0 0.083
relative Natural Colour (NC)
lab*lrj 0.409 0.953 0.119
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Schwarzheit n^*

relative Buntheit c^*

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$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

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