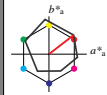


Eingabe: Farbmetrisches Reflexions-System ORS18

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

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

Dreiecks-Helligkeit  $l^*$



%Umfang  
 $u^*_{rel} = 93$   
 %Regularität  
 $g^*_{rel} = 57$   
 $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

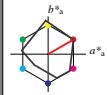
	$L^* - L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
EMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
NMa	48.13	75.27	-8.35	75.73	354
WMa	18.01	0.0	0.0	0.0	0
RMa	95.41	0.0	0.0	0.0	0
RCie	39.92	58.66	26.98	64.56	25
ICie	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

Ausgabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton R  
 LCH\*Ma: 172 77 30  
 olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $l^*$



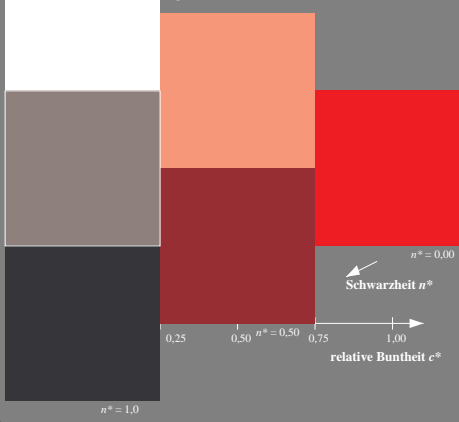
%Umfang  
 $u^*_{rel} = 91$   
 %Regularität  
 $g^*_{rel} = 41$   
 $g^*_{C,rel} = 52$

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
YMa	90.7	-6.36	88.75	88.98	94
EMa	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	280
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
ICie	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

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG00/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0

BAM-Registrierung: 20060101-UG00/L00G00N1.PS/TEXT  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen



relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmv4*	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*TCBa	99.99	0.01	-

relative CIELAB lab\*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*rc	1.0	0.0	-
lab*ncE	0.0	0.0	-

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	-0.23	2.14
LAB*LaBa	56.71	0.0	0.0
LAB*TCBa	50.0	0.01	-

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*rc	0.5	0.0	-
lab*ncE	0.5	0.0	-

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	0.0
cmv4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.5	-0.46
LAB*LaBa	18.02	0.0	0.0
LAB*TCBa	0.01	0.01	-

relative CIELAB lab\*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	-
lab*nch	1.0	0.0	-

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*rc	0.0	0.0	-
lab*ncE	0.0	0.0	-

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	72.52	33.33	22.4
LAB*LaBa	72.52	33.47	19.18
LAB*TCBa	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	0.5	0.5	0.083

relative Natural Colour (NC)

lab*lrj	0.704	0.496	0.06
lab*rc	0.75	0.5	0.019
lab*ncE	0.5	0.5	0.071

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmv3*	0.5	1.0	1.0	(0.0)
olv4*	1.0	0.5	0.5	0.5
cmv4*	0.0	0.5	0.5	0.5

standard and adapted CIELAB

LAB*LAB	33.85	33.67	19.79
LAB*LaBa	33.82	33.47	19.18
LAB*TCBa	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	0.5	0.5	0.083

relative Natural Colour (NC)

lab*lrj	0.204	0.496	0.06
lab*rc	0.25	0.5	0.019
lab*ncE	0.5	0.5	0.071

relative Inform. Technology (IT)

olv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.0	1.0	1.0	(0.0)
olv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0

standard and adapted CIELAB

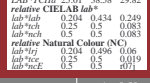
LAB*LAB	49.63	66.84	40.03
LAB*LaBa	49.63	66.85	38.36
LAB*TCBa	50.0	77.16	29.82

relative CIELAB lab\*

lab*lab	0.409	0.867	0.497
lab*ch	0.409	0.993	0.119
lab*nch	0.5	1.0	0.019

relative Natural Colour (NC)

lab*lrj	0.409	0.993	0.119
lab*rc	0.5	1.0	0.019
lab*ncE	0.0	1.0	0.071



UG000-7, 3-stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

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

BAM-Prüfvorlage UG00; Farbmetrik-Systeme ORS18 & MRS18input: cmy0\* setcmkcolor  
 D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

BAM-Material-Code=matda  
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