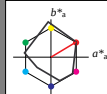


Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 31/360 = 0.086$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 50 78 31
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 92$
%Regelartit
 $g^*_{H,rel} = 42$
 $g^*_{C,rel} = 49$

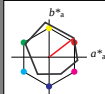
MRS18a; adaptierte CIELAB-Daten	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
YMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
ICIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

Ausgabe: 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 t^*



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

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
GMa	50.9	-62.79	34.95	71.87	151
VMa	58.62	-30.35	-45.01	54.3	236
WMa	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
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

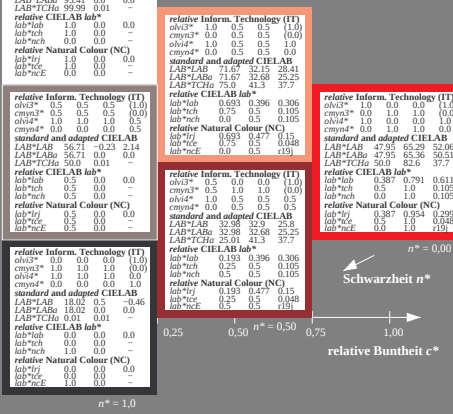
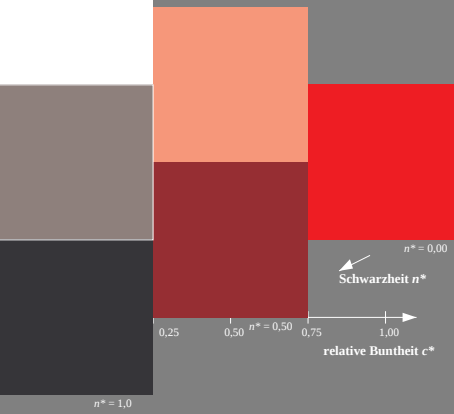
relative Inform. Technology (IT)				
olv [*] 3	1.0	1.0	1.0	(1.0)
cmyn [*] 3	0.0	0.0	0.0	(0.0)
olv [*] 4	1.0	1.0	1.0	(1.0)
cmyn [*] 4	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.97	4.75	
LAB*LAB _a	95.41	0.0	0.0	
LAB*TC _h a	99.99	0.01	-	
relative CIELAB lab [*]				
lab [*] lab	1.0	0.0	0.0	
lab [*] tc _h	1.0	0.0	-	
lab [*] nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab [*] lrj	1.0	0.0	0.0	
lab [*] tc _e	1.0	0.0	-	
lab [*] ncE	0.0	0.0	-	

relative Inform. Technology (IT)				
olv*3	1.0	0.5	0.5	(1.0)
cmyn*3	0.0	0.5	0.5	(0.0)
olv*4	1.0	0.5	0.5	(1.0)
cmyn*4	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.67	32.15	28.41	
LAB*LABa	71.67	32.15	28.25	
LAB*TCHe	75.0	41.3	37.7	
relative CIELAB lab*				
lab*lab	0.693	0.396	0.306	
lab*trch	0.75	0.5	0.105	
lab*trch	0.75	0.5	0.105	
relative Natural Colour (NC)				
lab*lrj	0.693	0.477	0.15	
lab*trce	0.75	0.5	0.048	
lab*ncE	0.0	0.5	r19	

relative Inform. Technology (IT)				
<i>olv</i> *3	1.0	0.0	1.0	(1.0)
<i>cmyn</i> *3	0.0	1.0	0.0	(0.0)
<i>olv</i> *4	1.0	0.0	0.0	(1.0)
<i>cmyn</i> *4	0.0	1.0	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.95	65.29	52.06	52.06
LAB*LABa	47.95	65.36	50.51	50.51
LAB*TCHe	50.0	82.6	37.7	37.7
relative CIELAB lab*				
lab*lab	0.387	0.791	0.611	0.611
lab*lab	0.387	0.954	0.299	0.299
lab*nch	0.0	1.0	0.105	0.105
relative Natural Colour (NC)				
lab*lrj	0.387	0.954	0.299	0.299
lab*nce	0.5	1.0	0.048	0.048
lab*nce	0.0	1.0	0.191	0.191

relative Inform. Technology (IT)				
olv*3	0.0	0.0	0.0	1.0
cmyn*3	1.0	1.0	1.0	0.0
olv*4	1.0	1.0	1.0	0.0
cmyn*4	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.5	-0.46	-0.46
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHe	0.01	0.01	-	-
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0	0.0
lab*nch	1.0	0.0	-	-
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	0.0
lab*lrce	0.0	0.0	-	-
lab*ncE	1.0	0.0	-	-

relative Inform. Technology (IT)				
<i>olv</i> *3	0.5	0.0	0.0	(1.0)
<i>cmyn</i> *3	0.5	1.0	1.0	(0.0)
<i>olv</i> *4	1.0	0.5	0.5	(1.0)
<i>cmyn</i> *4	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	32.98	32.9	25.8	25.8
LAB*LABa	32.98	32.68	25.25	25.25
LAB*TCHe	25.01	41.3	37.7	37.7
relative CIELAB lab*				
lab*lab	0.193	0.396	0.306	0.306
lab*lab	0.25	0.5	0.105	0.105
lab*nch	0.5	0.5	0.105	0.105
relative Natural Colour (NC)				
lab*lrj	0.193	0.477	0.15	0.15
lab*trce	0.25	0.5	0.048	0.048
lab*ncE	0.5	0.5	0.191	0.191



UG06-7, 3 stufige Reihen für konstanten CIELAB Buntton 31/360 = 0.086 (links)

3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage UG06; Farbmetrik-Systeme MRS18a & ORS18; Input: $cm^*0^* setcmkcolor$
D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttöne; Output: no change compared to input

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG06/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0

BAM-Registrierung: 20060101-UG06/L06G00N1.PS/TXT
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
N1000r Form 1/00, Seite 1/1, Seite 1

BAM-Material: Code=thada
Seite 3/3