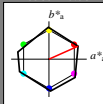


Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 24/360 = 0.067$
 lab^*ch und lab^*nch

D65: Buntton R
 LCH*Ma: 53 84 24
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit l^*



%Umfang
 $u^*_{rel} = 119$
 %Regularität
 $g^*_{H,rel} = 47$
 $g^*_{C,rel} = 100$

NRS11; adaptierte CIELAB-Daten

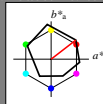
	$L^*-L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
YMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-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 l^*



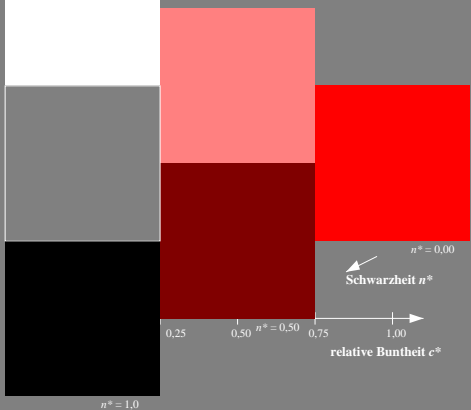
%Umfang
 $u^*_{rel} = 93$
 %Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

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
MMa	48.13	75.27	-8.35	75.73	354
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

Siehe ähnliche Dateien: <http://www.ps.bam.de/TG07/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-TG07/L07G00N1.PS/TEXT
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



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*TCHa	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)

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	0.5
cmyn4*	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*TCHa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	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)

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	71.67	32.15	28.41
LAB*LABa	71.67	32.62	28.25
LAB*TCHa	75.0	41.3	37.7

relative CIELAB lab*

lab*lab	0.693	0.396	0.306
lab*ch	0.75	0.5	0.105
lab*nch	0.5	0.5	0.105

relative Natural Colour (NC)

lab*lrj	0.693	0.477	0.15
lab*rc	0.75	0.5	0.048
lab*ncE	0.5	0.5	0.191

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	0.5
cmyn4*	0.0	0.5	0.5	0.5

standard and adapted CIELAB

LAB*LAB	32.98	32.9	25.8
LAB*LABa	32.98	32.68	25.25
LAB*TCHa	25.01	41.3	37.7

relative CIELAB lab*

lab*lab	0.193	0.396	0.306
lab*ch	0.25	0.5	0.105
lab*nch	0.5	0.5	0.105

relative Natural Colour (NC)

lab*lrj	0.193	0.477	0.15
lab*rc	0.25	0.5	0.048
lab*ncE	0.5	0.5	0.191

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	1.0	1.0
cmyn4*	0.0	1.0	1.0	0.0

standard and adapted CIELAB

LAB*LAB	47.95	65.29	52.06
LAB*LABa	47.95	65.36	50.51
LAB*TCHa	50.0	82.6	37.7

relative CIELAB lab*

lab*lab	0.387	0.791	0.611
lab*ch	0.387	0.954	0.299
lab*nc	0.5	1.0	0.048
lab*ncE	0.0	1.0	0.191

relative Natural Colour (NC)

lab*lrj	0.387	0.954	0.299
lab*rc	0.5	1.0	0.048
lab*ncE	0.0	1.0	0.191

TG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (links)

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

BAM-Prüfvorlage TG07; Farbmetrik-Systeme NRS11 & ORS18 input: olv* setrgbcolor
 D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttönoutput: no change compared to input

BAM-Material-Code=matda
 T/G07/ Form 110 Seite 11, Seite 1
 Seite 1