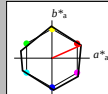


Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = \text{lab}^*h = 24/360 = 0.067$
 lab^*ch und lab^*nch

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

Dreiecks-Helligkeit i^*



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

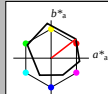
NRS11; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
YMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	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 $h^* = \text{lab}^*h = 38/360 = 0.105$
 lab^*ch und lab^*nch

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

Dreiecks-Helligkeit i^*



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

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

relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 1.0 \quad 1.0 \quad 1.0 \quad (1.0)$
 $\text{cmyn}3^* \quad 0.0 \quad 0.0 \quad 0.0 \quad (0.0)$
 $\text{olvi}4^* \quad 1.0 \quad 1.0 \quad 1.0 \quad (1.0)$
 $\text{cmyn}4^* \quad 0.0 \quad 0.0 \quad 0.0 \quad (0.0)$
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.97 4.75
 LAB*LABa 95.41 0.0 0.0
 LAB*TCHe 99.99 0.01 -

relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 0.5 \quad 0.5 \quad 0.5 \quad (1.0)$
 $\text{cmyn}3^* \quad 0.5 \quad 0.5 \quad 0.5 \quad (0.0)$
 $\text{olvi}4^* \quad 1.0 \quad 1.0 \quad 1.0 \quad (0.5)$
 $\text{cmyn}4^* \quad 0.0 \quad 0.0 \quad 0.0 \quad (0.5)$
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.23 2.14
 LAB*LABa 56.71 0.0 0.0
 LAB*TCHe 50.0 0.01 -

relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 0.0 \quad 0.0 \quad 0.0 \quad (1.0)$
 $\text{cmyn}3^* \quad 1.0 \quad 1.0 \quad 1.0 \quad (0.0)$
 $\text{olvi}4^* \quad 1.0 \quad 1.0 \quad 1.0 \quad (0.0)$
 $\text{cmyn}4^* \quad 0.0 \quad 0.0 \quad 0.0 \quad (1.0)$
 standard and adapted CIELAB
 LAB*LAB 18.02 0.5 -0.46
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHe 0.01 0.01 -

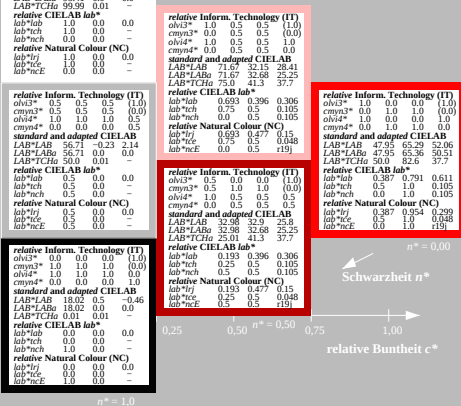
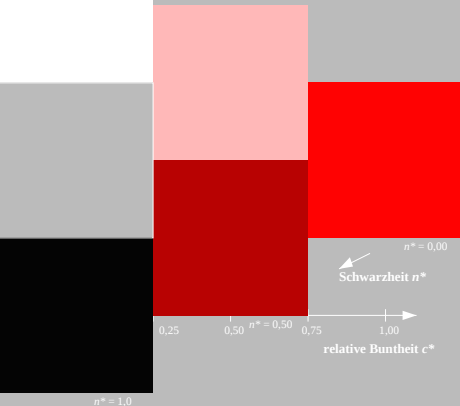
relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 1.0 \quad 0.5 \quad 0.5 \quad (1.0)$
 $\text{cmyn}3^* \quad 0.0 \quad 0.5 \quad 0.5 \quad (0.0)$
 $\text{olvi}4^* \quad 1.0 \quad 0.5 \quad 0.5 \quad (1.0)$
 $\text{cmyn}4^* \quad 0.0 \quad 0.5 \quad 0.5 \quad (0.0)$
 standard and adapted CIELAB
 LAB*LAB 71.67 32.15 28.41
 LAB*LABa 71.67 32.62 25.25
 LAB*TCHe 75.0 41.3 37.7

relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 0.5 \quad 0.0 \quad 0.0 \quad (1.0)$
 $\text{cmyn}3^* \quad 0.5 \quad 1.0 \quad 1.0 \quad (0.0)$
 $\text{olvi}4^* \quad 1.0 \quad 0.5 \quad 0.5 \quad (0.5)$
 $\text{cmyn}4^* \quad 0.0 \quad 0.5 \quad 0.5 \quad (0.5)$
 standard and adapted CIELAB
 LAB*LAB 32.98 32.9 25.8
 LAB*LABa 32.98 32.68 25.25
 LAB*TCHe 25.01 41.3 37.7

relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 0.193 \quad 0.396 \quad 0.306$
 $\text{lab}^*ch \quad 0.25 \quad 0.5 \quad 0.105$
 $\text{lab}^*nch \quad 0.5 \quad 1.0 \quad 0.105$
 relative Natural Colour (NC)
 $\text{lab}^*trj \quad 0.193 \quad 0.477 \quad 0.15$
 $\text{lab}^*tce \quad 0.25 \quad 0.5 \quad 0.048$
 $\text{lab}^*nce \quad 0.5 \quad 1.0 \quad 0.193$

relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 0.0 \quad 1.0 \quad 1.0 \quad (1.0)$
 $\text{cmyn}3^* \quad 0.0 \quad 1.0 \quad 1.0 \quad (0.0)$
 $\text{olvi}4^* \quad 1.0 \quad 0.0 \quad 0.0 \quad (1.0)$
 $\text{cmyn}4^* \quad 0.0 \quad 1.0 \quad 1.0 \quad (0.0)$
 standard and adapted CIELAB
 LAB*LAB 47.95 65.29 52.06
 LAB*LABa 47.95 65.36 50.51
 LAB*TCHe 50.0 82.6 37.7

relative Inform. Technology (IT)
 $\text{olvi}3^* \quad 0.387 \quad 0.791 \quad 0.611$
 $\text{lab}^*ch \quad 0.387 \quad 0.954 \quad 0.299$
 $\text{lab}^*tce \quad 0.5 \quad 1.0 \quad 0.048$
 $\text{lab}^*nce \quad 0.0 \quad 1.0 \quad 0.193$



UG07-7, 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 UG07; Farbmetrik-Systeme NRS11 & ORS18input: `cmv0* setcmkcolor`
D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `olv* setrgbcolor / w* setgray`