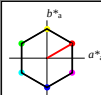


Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

D65: Buntton O
LCH*Ma: 57 77 30
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



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

SRS18; adaptierte CIELAB-Daten

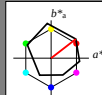
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa 56.71	67.03	38.7	77.4	30
YMa 56.71	0.0	77.4	77.4	90
LMa 56.71	-67.02	38.7	77.4	150
CMa 56.71	-67.02	-38.69	77.4	210
VMa 56.71	0.0	-77.39	77.4	270
MMa 56.71	67.03	-38.69	77.4	330
NMa 18.01	0.0	0.0	0.0	0
WMa 95.41	0.0	0.0	0.0	0
RCIE 39.92	58.74	27.99	65.07	25
JCIE 81.26	-2.88	71.56	71.62	92
GCIE 52.23	-42.41	13.6	44.55	162
BCIE 30.57	1.41	-46.46	46.49	272

Ausgabe: Farbmetrisches Offset-Reflektiv-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
 $u^*_{rel} = 93$
%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	65.39	50.52	82.63	38
YMa 50.37	-10.26	91.75	92.32	96
LMa 50.9	-62.03	34.96	71.91	151
CMa 58.62	-30.34	-45.01	54.3	236
VMa 25.72	31.1	-44.4	54.22	305
NMa 48.13	75.28	-8.36	75.74	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	64.57	25
JCIE 81.26	-2.16	67.76	67.79	92
GCIE 52.23	-42.25	11.76	43.87	164
BCIE 30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*Labo 95.41 0.0 0.0
LAB*TChe 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 -
lab*lrj 1.0 0.0 0.0
lab*lce 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 -0.24 2.14
LAB*Labo 56.71 0.0 0.0
LAB*TChe 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 -
lab*lrj 0.5 0.0 0.0
lab*lce 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*Labo 71.67 32.82 25.25
LAB*TChe 75.0 41.31 37.69

relative CIELAB lab*
lab*lab 0.693 0.396 0.306
lab*ch 0.75 0.5 0.105
lab*nch 0.0 0.5 0.105
lab*lrj 0.693 0.477 0.15
lab*lce 0.75 0.5 0.048
lab*nce 0.0 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*Labo 32.98 32.69 25.25
LAB*TChe 25.01 41.31 37.69

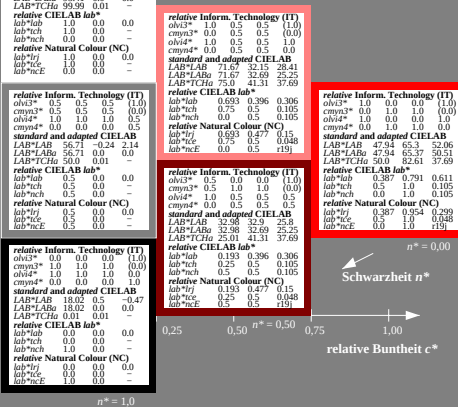
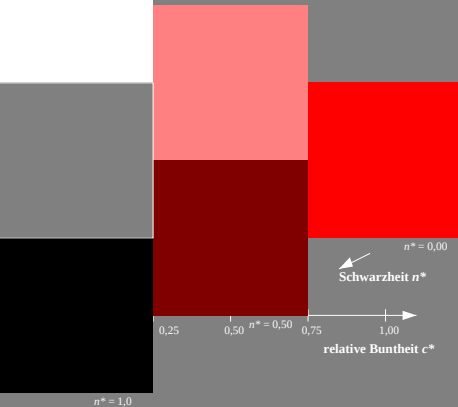
relative CIELAB lab*
lab*lab 0.193 0.396 0.306
lab*ch 0.25 0.5 0.105
lab*nch 0.0 0.5 0.105
lab*lrj 0.193 0.477 0.15
lab*lce 0.25 0.5 0.048
lab*nce 0.0 0.5 0.191

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 0.0 (1.0)
cmyn4* 0.0 1.0 1.0 (0.0)

standard and adapted CIELAB
LAB*LAB 47.94 65.3 52.06
LAB*Labo 47.94 65.37 50.51
LAB*TChe 50.0 82.61 37.69

relative CIELAB lab*
lab*lab 0.387 0.791 0.611
lab*ch 0.387 0.954 0.299
lab*nch 0.0 1.0 0.105
lab*lrj 0.387 0.954 0.299
lab*lce 0.5 1.0 0.048
lab*nce 0.0 1.0 0.191

relative Natural Colour (NC)
lab*lab 0.387 0.791 0.611
lab*ch 0.387 0.954 0.299
lab*nch 0.0 1.0 0.105
lab*lrj 0.387 0.954 0.299
lab*lce 0.5 1.0 0.048
lab*nce 0.0 1.0 0.191



NG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

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

BAM-Prüfvorlage NG07; Farbmetrik-Systeme SRS18 & ORS18 input: `olv* setrgbcolor`
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `olv* setrgbcolor / w* setgray`