

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

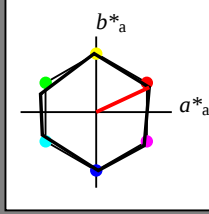
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 57 77 25

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

$g^*_{H,rel} = 59$

$g^*_{C,rel} = 100$

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 0.0 0.0
 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^*tch 1.0 0.0 -
 lab^*nch 0.0 0.0 -

relative Natural Colour (NC)
 lab^*lrj 1.0 0.0 0.0
 lab^*tce 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 56.72 0.0 0.0
 LAB^*LABa 56.72 0.0 0.0
 LAB^*TCHa 50.0 0.01 -

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*tch 0.5 0.0 -
 lab^*nch 0.5 0.0 -

relative Natural Colour (NC)
 lab^*lrj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 -
 lab^*nce 0.5 0.0 -

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.0 0.0 (1.0)
 $cmyn3^*$ 1.0 1.0 1.0 (0.0)
 $olvi4^*$ 1.0 1.0 1.0 0.0
 $cmyn4^*$ 0.0 0.0 0.0 1.0

standard and adapted CIELAB
 LAB^*LAB 18.03 0.0 0.0
 LAB^*LABa 18.03 0.0 0.0
 LAB^*TCHa 0.01 0.01 -

relative CIELAB lab*
 lab^*lab 0.0 0.0 0.0
 lab^*tch 0.0 0.0 -
 lab^*nch 1.0 0.0 -

relative Natural Colour (NC)
 lab^*lrj 0.0 0.0 0.0
 lab^*tce 0.0 0.0 -
 lab^*nce 1.0 0.0 -

$n^* = 1.0$

CNS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
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

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 76.05 35.07 16.35
 LAB^*LABa 76.05 35.07 16.35
 LAB^*TCHa 75.0 38.69 25.0

relative CIELAB lab*
 lab^*lab 0.75 0.453 0.211
 lab^*tch 0.75 0.5 0.069
 lab^*nch 0.0 0.5 0.069

relative Natural Colour (NC)
 lab^*lrj 0.75 0.5 -0.002
 lab^*tce 0.75 0.5 0.999
 lab^*nce 0.0 0.5 0.999

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 37.36 35.07 16.35
 LAB^*LABa 37.36 35.07 16.35
 LAB^*TCHa 25.01 38.69 25.0

relative CIELAB lab*
 lab^*lab 0.25 0.453 0.211
 lab^*tch 0.25 0.5 0.069
 lab^*nch 0.5 0.5 0.069

relative Natural Colour (NC)
 lab^*lrj 0.25 0.5 -0.002
 lab^*tce 0.25 0.5 0.999
 lab^*nce 0.5 0.5 0.999

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 56.7 70.13 32.7
 LAB^*LABa 56.7 70.13 32.7
 LAB^*TCHa 50.0 77.38 25.0

relative CIELAB lab*
 lab^*lab 0.5 0.906 0.423
 lab^*tch 0.5 1.0 0.069
 lab^*nch 0.0 1.0 0.069

relative Natural Colour (NC)
 lab^*lrj 0.5 1.0 -0.006
 lab^*tce 0.5 1.0 0.999
 lab^*nce 0.0 1.0 0.999

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

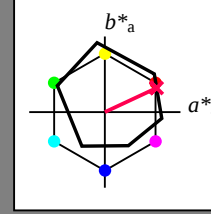
lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 76 25

olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

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^*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^*tch 1.0 0.0 -
 lab^*nch 0.0 0.0 -

relative Natural Colour (NC)
 lab^*lrj 1.0 0.0 0.0
 lab^*tce 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^*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^*tch 0.5 0.0 -
 lab^*nch 0.5 0.0 -

relative Natural Colour (NC)
 lab^*lrj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 -
 lab^*nce 0.5 0.0 -

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.0 0.0 (1.0)
 $cmyn3^*$ 1.0 1.0 1.0 (0.0)
 $olvi4^*$ 1.0 1.0 1.0 0.0
 $cmyn4^*$ 0.0 0.0 0.0 1.0

standard and adapted CIELAB
 LAB^*LAB 18.02 0.5 -0.47
 LAB^*LABa 18.02 0.0 0.0
 LAB^*TCHa 0.01 0.01 -

relative CIELAB lab*
 lab^*lab 0.0 0.0 0.0
 lab^*tch 0.0 0.0 -
 lab^*nch 1.0 0.0 -

relative Natural Colour (NC)
 lab^*lrj 0.0 0.0 0.0
 lab^*tce 0.0 0.0 -
 lab^*nce 1.0 0.0 -

$n^* = 1.0$

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	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	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
MMa	48.13	75.28	-8.36	75.74	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	64.57	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 0.5 0.658 (1.0)
 $cmyn3^*$ 0.0 0.5 0.342 (0.0)
 $olvi4^*$ 1.0 0.5 0.658 1.0
 $cmyn4^*$ 0.0 0.5 0.342 0.0

standard and adapted CIELAB
 LAB^*LAB 71.7 33.71 19.13
 LAB^*LABa 71.7 34.25 15.97
 LAB^*TCHa 75.0 37.79 25.0

relative CIELAB lab*
 lab^*lab 0.694 0.453 0.211
 lab^*tch 0.75 0.5 0.069
 lab^*nch 0.0 0.5 0.069

relative Natural Colour (NC)
 lab^*lrj 0.694 0.5 0.003
 lab^*tce 0.75 0.5 0.001
 lab^*nce 0.0 0.5 0.001

relative Inform. Technology (IT)
 $olvi3^*$ 0.5 0.0 0.158 (1.0)
 $cmyn3^*$ 0.5 1.0 0.842 (0.0)
 $olvi4^*$ 1.0 0.5 0.658 0.5
 $cmyn4^*$ 0.0 0.5 0.342 0.5

standard and adapted CIELAB
 LAB^*LAB 33.01 34.46 16.52
 LAB^*LABa 33.01 34.25 15.97
 LAB^*TCHa 25.01 37.79 25.01

relative CIELAB lab*
 lab^*lab 0.194 0.453 0.211
 lab^*tch 0.25 0.5 0.069
 lab^*nch 0.5 0.5 0.069

relative Natural Colour (NC)
 lab^*lrj 0.194 0.5 0.004
 lab^*tce 0.25 0.5 0.001
 lab^*nce 0.5 0.5 0.001

relative Inform. Technology (IT)
 $olvi3^*$ 1.0 0.0 0.315 (1.0)
 $cmyn3^*$ 0.0 1.0 0.685 (0.0)
 $olvi4^*$ 1.0 0.0 0.316 1.0
 $cmyn4^*$ 0.0 1.0 0.684 0.0

standard and adapted CIELAB
 LAB^*LAB 48.0 68.42 33.5
 LAB^*LABa 48.0 68.49 31.94
 LAB^*TCHa 50.0 75.57 25.0

relative CIELAB lab*
 lab^*lab 0.387 0.906 0.423
 lab^*tch 0.5 1.0 0.069
 lab^*nch 0.0 1.0 0.069

relative Natural Colour (NC)
 lab^*lrj 0.387 1.0 0.007
 lab^*tce 0.5 1.0 0.001
 lab^*nce 0.0 1.0 0.001

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

VG410-7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)