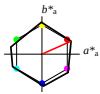


Eingabe: Farbmétrisches Reflexions-System NRS11

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



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

Dreiecks-Helligkeit t^*

relative Inform. Technology (IT)				
olv3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAR*LAB	95.41	0.0	-0.0	

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

NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	C_{aba}	h^*_{aba}
R _{Ma}	53.2	77.06	34.32	84.36	24
J _{Ma}	53.2	-1.51	84.38	84.39	91
G _{Ma}	53.2	-82.27	18.98	84.44	163
G50R _{Ma}	53.2	-77.72	-32.98	84.44	207
B _{Ma}	53.2	4.37	-84.28	84.41	273
B50R _{Ma}	53.2	69.09	-48.41	84.37	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{ClE}	99.52	58.69	27.98	65.01	25
J _{ClE}	81.26	-2.9	71.56	71.62	92
G _{ClE}	52.23	-42.45	13.59	44.59	162
B _{ClE}	30.57	1.35	-46.48	46.51	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	74.3	38.55	17.16
LAB*LABa	74.3	38.52	17.16
LAB*TC _{Ho}	75.0	42.17	24.01

relative CIELAB lab*	0.75	0.457	0.203
lab*lab	0.75	0.457	0.203
lab*tch	0.75	0.5	0.067
lab*nch	0.0	0.5	0.067

relative Natural Colour (NC)	0.75	0.5	-0.009
lab*lrj	0.75	0.5	-0.009
lab*tce	0.75	0.5	0.997
lab*nCe	0.0	0.5	0.98r

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	32.1	38.58	17.17	

LAB*LABa	32.1	38.52	17.16
LAB*TBHa	25.01	42.17	24.01
relative CIELAB lab*			
lab*lab	0.25	0.457	0.203
lab*tch	0.25	0.5	0.067
lab*nch	0.5	0.5	0.067
relative Natural Colour (NC)			
lab*lrj	0.25	0.5	-0.009
lab*tce	0.25	0.5	0.997
lab*nch	0.5	0.5	0.997

relative Inform. Technology (IT)			
olvi3*	1.0	0.0	0.0 (1.0)
cmym3*	0.0	1.0	1.0 (0.0)
olvi4*	1.0	0.0	0.0 1.0
cmym4*	0.0	1.0	1.0 0.0
standard and adapted CIELAB			
LAB*LAB	53.2	77.09	34.32
LAB*LAB	53.2	77.04	34.32

LAB* <i>L</i> ab	55.2	77.04	34.31
LAB* <i>T</i> Ch	50.0	84.34	24.01
relative CIELAB lab*			
lab* <i>lab</i>	0.5	0.913	0.407
lab* <i>tch</i>	0.5	1.0	0.067
lab* <i>nch</i>	0.0	1.0	0.067
relative Natural Colour (NC)			
lab* <i>lrj</i>	0.5	1.0	-0.019
lab* <i>tce</i>	0.5	1.0	0.997
lab* <i>ncf</i>	0.0	1.0	0.997

$n^* = 0,00$

 Schwarzzeit n^*

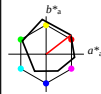
$$n^* = 0,00$$
Schwarzheit n^*

relative Buntheit c*

$$n^* = 1.0$$

Ausgabe: Farbmétrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch und lab^*nch



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

Dreiecks-Helligkeit t^*

relative Inform. Technology (IT)				
<i>olvi3*</i>	1.0	1.0	1.0	(1.0)
<i>cmyn3*</i>	0.0	0.0	0.0	(0.0)
<i>olvi4*</i>	1.0	1.0	1.0	1.0
<i>cmyn4*</i>	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
<i>lar*lar</i>	95.41	-0.97	4.75	

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

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
YMa	47.94	65.37	50.52	82.62	38
OMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
NMa	48.13	75.27	-8.35	75.73	354
MMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.90	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)			
olvi3*	1.0	0.5	0.5
cmyn3*	0.0	0.5	0.5
olvi4*	1.0	0.5	0.5
cmyn4*	0.0	0.5	0.5
standard and adapted CIELAB			
LAB*LAB	71.67	32.15	28.41
LAB*LABa	71.67	32.68	25.25
LAB*TCbA	75.0	41.3	37.7

relative CIELAB lab*			
lab*lab	0.693	0.396	0.308
lab*tch	0.75	0.5	0.105
lab*nch	0.0	0.5	0.105
relative Natural Colour (NC)			
lab*lrj	0.693	0.477	0.15
lab*tce	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*LAB*	32.98	32.68	25.25
LAB*TC _h a	25.01	41.3	37.7
relative CIELAB lab*			
lab*lab	0.193	0.396	0.306
lab*tch	0.25	0.5	0.105
lab*mch	0.5	0.5	0.105
relative Natural Colour (NC)			
lab*lrj	0.193	0.477	0.15
lab*tce	0.25	0.5	0.048

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	47.95	65.29	52.06
LAB*LAB	47.95	65.26	52.03

LAB* <i>Labu</i>	47.93	63.36	50.51
LAB* <i>TChA</i>	50.0	82.6	37.7
relative CIELAB <i>lab</i>*			
<i>lab</i> * <i>lab</i>	0.387	0.791	0.611
<i>lab</i> * <i>tch</i>	0.5	1.0	0.105
<i>lab</i> * <i>nch</i>	0.0	1.0	0.105
relative Natural Colour (NC)			
<i>lab</i> * <i>trj</i>	0.387	0.954	0.299
<i>lab</i> * <i>tce</i>	0.5	1.0	0.048
<i>lab</i> * <i>ncF</i>	0.0	1.0	0.191

$n^* = 0,00$

 Schwarzzeit n^*

$$n^* = 0,00$$
Schwarzheit n^*

relative Buntheit c*

$$n^* = 1.0$$

0.067 (links)

(rechts)

MG170-7, 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 UG17; Farbmatrik-Systeme NRS11 & ORS18input: *cmy0* setcmykcolor*

D65: 2 Koordinaten-Daten von 3stufigen Farbreihen für 10 Bunttöne: `olv* setrgbcolor / w* setgray`