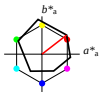


Eingabe: Farbmetrisches Reflexions-System ORS18
 für Buntton $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch und lab^*nch



D65: Buntton 0
 LCH*Ma: 48 83 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*

relative Inform. Technology (IT)
 olv13* 1.0 1.0 1.0 (1.0)
 cmyn3* 0.0 0.0 0.0 (0.0)
 olv14* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 95.41 -0.97 4.75
 LAB*LABo 95.41 0.0 0.0
 LAB*TCHo 99.99 0.01 -

relative CIELAB lab*
 lab*lab 1.0 0.5 0.5 (1.0)
 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 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 olv13* 0.5 0.5 0.5 (1.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv14* 1.0 1.0 1.0 (0.5)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.23 2.14
 LAB*LABo 56.71 0.0 0.0
 LAB*TCHo 50.0 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*tch 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*tce 0.5 0.0 0.0
 lab*nce 0.5 0.0 -

relative Inform. Technology (IT)
 olv13* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv14* 1.0 1.0 1.0 (0.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.5 -0.46
 LAB*LABo 18.02 0.0 0.0
 LAB*TCHo 0.01 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*tch 1.0 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	65.37	50.52	82.62	38
Yma	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
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
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)
 olv13* 1.0 0.5 0.5 (1.0)
 cmyn3* 0.0 0.5 0.5 (0.0)
 olv14* 1.0 0.5 0.5 (0.0)
 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 32.68 25.25
 LAB*TCHo 75.0 41.3 37.7

relative CIELAB lab*
 lab*lab 0.693 0.396 0.306
 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 0.15

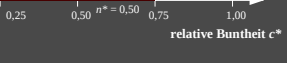
relative Inform. Technology (IT)
 olv13* 0.5 0.0 0.0 (1.0)
 cmyn3* 0.5 1.0 0.0 (0.0)
 olv14* 0.5 0.5 0.5 (0.5)
 cmyn4* 0.0 0.5 0.5 (0.5)
 standard and adapted CIELAB
 LAB*LAB 32.98 32.9 25.8
 LAB*LABo 32.98 32.68 25.25
 LAB*TCHo 25.01 41.3 37.7

relative CIELAB lab*
 lab*lab 0.193 0.396 0.306
 lab*tch 0.25 0.5 0.105
 lab*nch 0.5 1.0 0.105
 relative Natural Colour (NC)
 lab*lrj 0.193 0.477 0.15
 lab*tce 0.25 0.5 0.048
 lab*nce 0.5 0.5 0.15

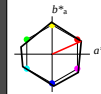
$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*



Ausgabe: Farbmetrisches Reflexions-System NRS11
 für Buntton $h^* = lab^*h = 24/360 = 0.067$
 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)
 olv13* 1.0 1.0 1.0 (1.0)
 cmyn3* 0.0 0.0 0.0 (0.0)
 olv14* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 95.41 0.0 -0.01
 LAB*LABo 95.41 0.0 0.0
 LAB*TCHo 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 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 olv13* 0.5 0.5 0.5 (1.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv14* 1.0 1.0 1.0 (0.5)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.21 0.4 0.0
 LAB*LABo 53.21 0.0 0.0
 LAB*TCHo 50.0 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*tch 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*tce 0.5 0.0 0.0
 lab*nce 0.5 0.0 -

relative Inform. Technology (IT)
 olv13* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv14* 1.0 1.0 1.0 (0.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 11.01 0.07 0.01
 LAB*LABo 11.01 0.0 0.0
 LAB*TCHo 0.01 0.01 -

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

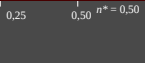
$n^* = 1.0$

relative Inform. Technology (IT)
 olv13* 1.0 0.5 0.5 (1.0)
 cmyn3* 0.0 0.5 0.5 (0.0)
 olv14* 1.0 0.5 0.5 (0.0)
 cmyn4* 0.0 0.5 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.3 38.55 17.16
 LAB*LABo 74.3 38.52 17.16
 LAB*TCHo 75.0 42.17 24.01

relative CIELAB lab*
 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)
 lab*lrj 0.75 0.5 -0.009
 lab*tce 0.75 0.5 0.997
 lab*nce 0.0 0.5 0.998

relative Inform. Technology (IT)
 olv13* 0.5 0.0 0.0 (1.0)
 cmyn3* 0.5 1.0 0.0 (0.0)
 olv14* 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*LABo 32.1 38.52 17.16
 LAB*TCHo 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 1.0 0.067
 relative Natural Colour (NC)
 lab*lrj 0.25 0.5 -0.009
 lab*tce 0.25 0.5 0.997
 lab*nce 0.5 0.5 0.998



$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

