

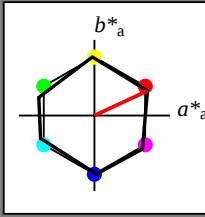
Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

 $u^*_{rel} = 100$

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	0.0	0.0
cmyn3*	0.0	0.0	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	-	-	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	1.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0	0.0	0.0
lab*tce	0.0	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LABa	76.07	0.0	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	-	-	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	0.0	0.0
lab*tch	0.75	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0	0.0	0.0
lab*tce	0.25	0.0	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	66.38	17.54	8.18	0.0	0.0
LAB*LABa	66.38	17.54	8.18	0.0	0.0
LAB*TCHa	62.5	19.34	25.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.625	0.227	0.106	0.0	0.0
lab*tch	0.625	0.227	0.106	0.0	0.0
lab*nch	0.225	0.25	0.069	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.625	0.25	0.001	0.0	0.0
lab*tce	0.25	0.25	0.999	0.0	0.0
lab*nce	0.25	0.25	0.999	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	35.07	16.35	0.0	0.0
LAB*LABa	56.71	35.07	16.35	0.0	0.0
LAB*TCHa	50.0	38.7	25.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.453	0.211	0.0	0.0
lab*tch	0.5	0.453	0.211	0.0	0.0
lab*nch	0.25	0.5	0.069	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.5	0.5	0.002	0.0	0.0
lab*tce	0.5	0.5	0.999	0.0	0.0
lab*nce	0.5	0.5	0.999	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	47.03	17.54	8.18	0.0	0.0
LAB*LABa	47.03	17.54	8.18	0.0	0.0
LAB*TCHa	37.5	19.35	25.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.375	0.227	0.106	0.0	0.0
lab*tch	0.375	0.227	0.106	0.0	0.0
lab*nch	0.25	0.25	0.069	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.375	0.25	0.001	0.0	0.0
lab*tce	0.25	0.25	0.999	0.0	0.0
lab*nce	0.25	0.25	0.999	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.37	35.07	16.35	0.0	0.0
LAB*LABa	37.37	35.07	16.35	0.0	0.0
LAB*TCHa	25.0	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	0.0	0.0
lab*tch	0.25	0.0	0.0	0.0	0.0
lab*nch	0.75	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0	0.0	0.0
lab*tce	0.25	0.0	0.0	0.0	0.0
lab*nce	0.75	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	0.25	0.25
cmyn3*	0.75	0.75	0.75	0.75	0.75
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.37	35.07	16.35	0.0	0.0
LAB*LABa	37.37	35.07	16.35	0.0	0.0
LAB*TCHa	25.0	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	0.0	0.0
lab*tch	0.25	0.0	0.0	0.0	0.0
lab*nch	0.75	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0	0.0	0.0
lab*tce	0.25	0.0	0.0	0.0	0.0
lab*nce	0.75	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	0.25	0.25
cmyn3*	0.75	0.75	0.75	0.75	0.75
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	27.69	17.53	8.17	0.0	0.0
LAB*LABa	27.69	17.53	8.17	0.0	0.0
LAB*TCHa	12.5	19.34	25.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.125	0.226	0.106	0.0	0.0
lab*tch	0.125	0.226	0.106	0.0	0.0
lab*nch	0.75	0.25	0.069	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.125	0.25	0.001	0.0	0.0
lab*tce	0.125	0.25	0.999	0.0	0.0
lab*nce	0.75	0.25	0.999	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.0
cmyn3*	1.0	1.0	1.0	1.0	1.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0	0.0
LAB*TCHa	0.0	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0	0.0
lab*nch	1.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0	0.0	0.0
lab*tce	0.0	0.0	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0	0.0	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

%Regularität

 $g^*_{H,rel} = 59$ $g^*_{C,rel} = 100$

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ Schwarzheit n^* relative Buntheit c^*

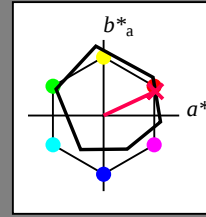
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

 $u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	1.0	1.0
cmyn3*	0.0	0.0	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	-	-	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	1.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0	0.0	0.0
lab*tce	0.0	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	0.61	3.44	0.0	0.0
LAB*LABa	76.06	0.61	3.44	0.0	0.0
LAB*TCHa	75.0	0.01	-	-	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	0.0	0.0
lab*tch	0.75	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0	0.0	0.0
lab*tce	0.25	0.0	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	66.37	52.6	24.53	0.0	0.0
LAB*LABa	66.37	52.6	24.53	0.0	0.0
LAB*TCHa	62.5	58.04	25.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.625	0.68	0.317	0.0	0.0
lab*tch	0.625	0.68	0.317	0.0	0.0
lab*nch	0.0	0.75	0.069	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.625	0.75	0.004	0.0	0.0
lab*tce	0.625	0.75	0.999	0.0	0.0
lab*nce	0.0	0.75	0.999	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.7	70.13	32.7	0.0	0.0
LAB*LABa	56.7	70.13	32.7	0.0	0.0
LAB*TCHa	50.0	77.38	25.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.906	0.423	0.0	0.0
lab*tch	0.5	0.906	0.423	0.0	0.0
lab*nch	0.0	1.0	0.069	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.5	1.0	0.006	0.0	0.0
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