

Eingabe: Farbmetrisches Reflexions-System MRS18

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

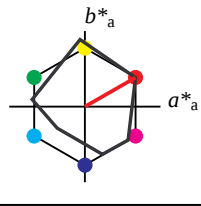
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)	
olvi3*	1.0 1.0 1.0 (1.0)
olvi4*	0.0 0.0 0.0 (0.0)
olvi5*	0.0 0.0 0.0 (0.0)
olvi6*	0.0 0.0 0.0 (0.0)
olvi7*	0.0 0.0 0.0 (0.0)
olvi8*	0.0 0.0 0.0 (0.0)
olvi9*	0.0 0.0 0.0 (0.0)
olvi10*	0.0 0.0 0.0 (0.0)
olvi11*	0.0 0.0 0.0 (0.0)
olvi12*	0.0 0.0 0.0 (0.0)
olvi13*	0.0 0.0 0.0 (0.0)
olvi14*	0.0 0.0 0.0 (0.0)
olvi15*	0.0 0.0 0.0 (0.0)
olvi16*	0.0 0.0 0.0 (0.0)
olvi17*	0.0 0.0 0.0 (0.0)
olvi18*	0.0 0.0 0.0 (0.0)
olvi19*	0.0 0.0 0.0 (0.0)
olvi20*	0.0 0.0 0.0 (0.0)
olvi21*	0.0 0.0 0.0 (0.0)
olvi22*	0.0 0.0 0.0 (0.0)
olvi23*	0.0 0.0 0.0 (0.0)
olvi24*	0.0 0.0 0.0 (0.0)
olvi25*	0.0 0.0 0.0 (0.0)
olvi26*	0.0 0.0 0.0 (0.0)
olvi27*	0.0 0.0 0.0 (0.0)
olvi28*	0.0 0.0 0.0 (0.0)
olvi29*	0.0 0.0 0.0 (0.0)
olvi30*	0.0 0.0 0.0 (0.0)
olvi31*	0.0 0.0 0.0 (0.0)
olvi32*	0.0 0.0 0.0 (0.0)
olvi33*	0.0 0.0 0.0 (0.0)
olvi34*	0.0 0.0 0.0 (0.0)
olvi35*	0.0 0.0 0.0 (0.0)
olvi36*	0.0 0.0 0.0 (0.0)
olvi37*	0.0 0.0 0.0 (0.0)
olvi38*	0.0 0.0 0.0 (0.0)
olvi39*	0.0 0.0 0.0 (0.0)
olvi40*	0.0 0.0 0.0 (0.0)
olvi41*	0.0 0.0 0.0 (0.0)
olvi42*	0.0 0.0 0.0 (0.0)
olvi43*	0.0 0.0 0.0 (0.0)
olvi44*	0.0 0.0 0.0 (0.0)
olvi45*	0.0 0.0 0.0 (0.0)
olvi46*	0.0 0.0 0.0 (0.0)
olvi47*	0.0 0.0 0.0 (0.0)
olvi48*	0.0 0.0 0.0 (0.0)
olvi49*	0.0 0.0 0.0 (0.0)
olvi50*	0.0 0.0 0.0 (0.0)
olvi51*	0.0 0.0 0.0 (0.0)
olvi52*	0.0 0.0 0.0 (0.0)
olvi53*	0.0 0.0 0.0 (0.0)
olvi54*	0.0 0.0 0.0 (0.0)
olvi55*	0.0 0.0 0.0 (0.0)
olvi56*	0.0 0.0 0.0 (0.0)
olvi57*	0.0 0.0 0.0 (0.0)
olvi58*	0.0 0.0 0.0 (0.0)
olvi59*	0.0 0.0 0.0 (0.0)
olvi60*	0.0 0.0 0.0 (0.0)
olvi61*	0.0 0.0 0.0 (0.0)
olvi62*	0.0 0.0 0.0 (0.0)
olvi63*	0.0 0.0 0.0 (0.0)
olvi64*	0.0 0.0 0.0 (0.0)
olvi65*	0.0 0.0 0.0 (0.0)
olvi66*	0.0 0.0 0.0 (0.0)
olvi67*	0.0 0.0 0.0 (0.0)
olvi68*	0.0 0.0 0.0 (0.0)
olvi69*	0.0 0.0 0.0 (0.0)
olvi70*	0.0 0.0 0.0 (0.0)
olvi71*	0.0 0.0 0.0 (0.0)
olvi72*	0.0 0.0 0.0 (0.0)
olvi73*	0.0 0.0 0.0 (0.0)
olvi74*	0.0 0.0 0.0 (0.0)
olvi75*	0.0 0.0 0.0 (0.0)
olvi76*	0.0 0.0 0.0 (0.0)
olvi77*	0.0 0.0 0.0 (0.0)
olvi78*	0.0 0.0 0.0 (0.0)
olvi79*	0.0 0.0 0.0 (0.0)
olvi80*	0.0 0.0 0.0 (0.0)
olvi81*	0.0 0.0 0.0 (0.0)
olvi82*	0.0 0.0 0.0 (0.0)
olvi83*	0.0 0.0 0.0 (0.0)
olvi84*	0.0 0.0 0.0 (0.0)
olvi85*	0.0 0.0 0.0 (0.0)
olvi86*	0.0 0.0 0.0 (0.0)
olvi87*	0.0 0.0 0.0 (0.0)
olvi88*	0.0 0.0 0.0 (0.0)
olvi89*	0.0 0.0 0.0 (0.0)
olvi90*	0.0 0.0 0.0 (0.0)
olvi91*	0.0 0.0 0.0 (0.0)
olvi92*	0.0 0.0 0.0 (0.0)
olvi93*	0.0 0.0 0.0 (0.0)
olvi94*	0.0 0.0 0.0 (0.0)
olvi95*	0.0 0.0 0.0 (0.0)
olvi96*	0.0 0.0 0.0 (0.0)
olvi97*	0.0 0.0 0.0 (0.0)
olvi98*	0.0 0.0 0.0 (0.0)
olvi99*	0.0 0.0 0.0 (0.0)
olvi100*	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	1.0 0.75 0.75 (1.0)
olvi4*	0.0 0.25 0.25 (0.0)
olvi5*	0.0 0.75 0.75 (1.0)
olvi6*	0.0 0.25 0.25 (0.0)
olvi7*	0.0 0.75 0.75 (1.0)
olvi8*	0.0 0.25 0.25 (0.0)
olvi9*	0.0 0.75 0.75 (1.0)
olvi10*	0.0 0.25 0.25 (0.0)
olvi11*	0.0 0.75 0.75 (1.0)
olvi12*	0.0 0.25 0.25 (0.0)
olvi13*	0.0 0.75 0.75 (1.0)
olvi14*	0.0 0.25 0.25 (0.0)
olvi15*	0.0 0.75 0.75 (1.0)
olvi16*	0.0 0.25 0.25 (0.0)
olvi17*	0.0 0.75 0.75 (1.0)
olvi18*	0.0 0.25 0.25 (0.0)
olvi19*	0.0 0.75 0.75 (1.0)
olvi20*	0.0 0.25 0.25 (0.0)
olvi21*	0.0 0.75 0.75 (1.0)
olvi22*	0.0 0.25 0.25 (0.0)
olvi23*	0.0 0.75 0.75 (1.0)
olvi24*	0.0 0.25 0.25 (0.0)
olvi25*	0.0 0.75 0.75 (1.0)
olvi26*	0.0 0.25 0.25 (0.0)
olvi27*	0.0 0.75 0.75 (1.0)
olvi28*	0.0 0.25 0.25 (0.0)
olvi29*	0.0 0.75 0.75 (1.0)
olvi30*	0.0 0.25 0.25 (0.0)
olvi31*	0.0 0.75 0.75 (1.0)
olvi32*	0.0 0.25 0.25 (0.0)
olvi33*	0.0 0.75 0.75 (1.0)
olvi34*	0.0 0.25 0.25 (0.0)
olvi35*	0.0 0.75 0.75 (1.0)
olvi36*	0.0 0.25 0.25 (0.0)
olvi37*	0.0 0.75 0.75 (1.0)
olvi38*	0.0 0.25 0.25 (0.0)
olvi39*	0.0 0.75 0.75 (1.0)
olvi40*	0.0 0.25 0.25 (0.0)
olvi41*	0.0 0.75 0.75 (1.0)
olvi42*	0.0 0.25 0.25 (0.0)
olvi43*	0.0 0.75 0.75 (1.0)
olvi44*	0.0 0.25 0.25 (0.0)
olvi45*	0.0 0.75 0.75 (1.0)
olvi46*	0.0 0.25 0.25 (0.0)
olvi47*	0.0 0.75 0.75 (1.0)
olvi48*	0.0 0.25 0.25 (0.0)
olvi49*	0.0 0.75 0.75 (1.0)
olvi50*	0.0 0.25 0.25 (0.0)
olvi51*	0.0 0.75 0.75 (1.0)
olvi52*	0.0 0.25 0.25 (0.0)
olvi53*	0.0 0.75 0.75 (1.0)
olvi54*	0.0 0.25 0.25 (0.0)
olvi55*	0.0 0.75 0.75 (1.0)
olvi56*	0.0 0.25 0.25 (0.0)
olvi57*	0.0 0.75 0.75 (1.0)
olvi58*	0.0 0.25 0.25 (0.0)
olvi59*	0.0 0.75 0.75 (1.0)
olvi60*	0.0 0.25 0.25 (0.0)
olvi61*	0.0 0.75 0.75 (1.0)
olvi62*	0.0 0.25 0.25 (0.0)
olvi63*	0.0 0.75 0.75 (1.0)
olvi64*	0.0 0.25 0.25 (0.0)
olvi65*	0.0 0.75 0.75 (1.0)
olvi66*	0.0 0.25 0.25 (0.0)
olvi67*	0.0 0.75 0.75 (1.0)
olvi68*	0.0 0.25 0.25 (0.0)
olvi69*	0.0 0.75 0.75 (1.0)
olvi70*	0.0 0.25 0.25 (0.0)
olvi71*	0.0 0.75 0.75 (1.0)
olvi72*	0.0 0.25 0.25 (0.0)
olvi73*	0.0 0.75 0.75 (1.0)
olvi74*	0.0 0.25 0.25 (0.0)
olvi75*	0.0 0.75 0.75 (1.0)
olvi76*	0.0 0.25 0.25 (0.0)
olvi77*	0.0 0.75 0.75 (1.0)
olvi78*	0.0 0.25 0.25 (0.0)
olvi79*	0.0 0.75 0.75 (1.0)
olvi80*	0.0 0.25 0.25 (0.0)
olvi81*	0.0 0.75 0.75 (1.0)
olvi82*	0.0 0.25 0.25 (0.0)
olvi83*	0.0 0.75 0.75 (1.0)
olvi84*	0.0 0.25 0.25 (0.0)
olvi85*	0.0 0.75 0.75 (1.0)
olvi86*	0.0 0.25 0.25 (0.0)
olvi87*	0.0 0.75 0.75 (1.0)
olvi88*	0.0 0.25 0.25 (0.0)
olvi89*	0.0 0.75 0.75 (1.0)
olvi90*	0.0 0.25 0.25 (0.0)
olvi91*	0.0 0.75 0.75 (1.0)
olvi92*	0.0 0.25 0.25 (0.0)
olvi93*	0.0 0.75 0.75 (1.0)
olvi94*	0.0 0.25 0.25 (0.0)
olvi95*	0.0 0.75 0.75 (1.0)
olvi96*	0.0 0.25 0.25 (0.0)
olvi97*	0.0 0.75 0.75 (1.0)
olvi98*	0.0 0.25 0.25 (0.0)
olvi99*	0.0 0.75 0.75 (1.0)
olvi100*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olvi3*	1.0 0.5 0.5 (1.0)
olvi4*	0.0 0.5 0.5 (0.0)
olvi5*	1.0 0.5 0.5 (1.0)
olvi6*	0.0 0.5 0.5 (0.0)
olvi7*	1.0 0.5 0.5 (1.0)
olvi8*	0.0 0.5 0.5 (0.0)
olvi9*	1.0 0.5 0.5 (1.0)
olvi10*	0.0 0.5 0.5 (0.0)
olvi11*	1.0 0.5 0.5 (1.0)
olvi12*	0.0 0.5 0.5 (0.0)
olvi13*	1.0 0.5 0.5 (1.0)
olvi14*	0.0 0.5 0.5 (0.0)
olvi15*	1.0 0.5 0.5 (1.0)
olvi16*	0.0 0.5 0.5 (0.0)
olvi17*	1.0 0.5 0.5 (1.0)
olvi18*	0.0 0.5 0.5 (0.0)
olvi19*	1.0 0.5 0.5 (1.0)
olvi20*	0.0 0.5 0.5 (0.0)
olvi21*	1.0 0.5 0.5 (1.0)
olvi22*	0.0 0.5 0.5 (0.0)
olvi23*	1.0 0.5 0.5 (1.0)
olvi24*	0.0 0.5 0.5 (0.0)
olvi25*	1.0 0.5 0.5 (1.0)
olvi26*	0.0 0.5 0.5 (0.0)
olvi27*	1.0 0.5 0.5 (1.0)
olvi28*	0.0 0.5 0.5 (0.0)
olvi29*	1.0 0.5 0.5 (1.0)
olvi30*	0.0 0.5 0.5 (0.0)
olvi31*	1.0 0.5 0.5 (1.0)
olvi32*	0.0 0.5 0.5 (0.0)
olvi33*	1.0 0.5 0.5 (1.0)
olvi34*	0.0 0.5 0.5 (0.0)
olvi35*	1.0 0.5 0.5 (1.0)
olvi36*	0.0 0.5 0.5 (0.0)
olvi37*	1.0 0.5 0.5 (1.0)
olvi38*	0.0 0.5 0.5 (0.0)
olvi39*	1.0 0.5 0.5 (1.0)
olvi40*	0.0 0.5 0.5 (0.0)
olvi41*	1.0 0.5 0.5 (1.0)
olvi42*	0.0 0.5 0.5 (0.0)
olvi43*	1.0 0.5 0.5 (1.0)
olvi44*	0.0 0.5 0.5 (0.0)
olvi45*	1.0 0.5 0.5 (1.0)
olvi46*	0.0 0.5 0.5 (0.0)
olvi47*	1.0 0.5 0.5 (1.0)
olvi48*	0.0 0.5 0.5 (0.0)
olvi49*	1.0 0.5 0.5 (1.0)
olvi50*	0.0 0.5 0.5 (0.0)
olvi51*	1.0 0.5 0.5 (1.0)
olvi52*	0.0 0.5 0.5 (0.0)
olvi53*	1.0 0.5 0.5 (1.0)
olvi54*	0.0 0.5 0.5 (0.0)
olvi55*	1.0 0.5 0.5 (1.0)
olvi56*	0.0 0.5 0.5 (0.0)
olvi57*	1.0 0.5 0.5 (1.0)
olvi58*	0.0 0.5 0.5 (0.0)
olvi59*	1.0 0.5 0.5 (1.0)
olvi60*	0.0 0.5 0.5 (0.0)
olvi61*	1.0 0.5 0.5 (1.0)
olvi62*	0.0 0.5 0.5 (0.0)
olvi63*	1.0 0.5 0.5 (1.0)
olvi64*	0.0 0.5 0.5 (0.0)
olvi65*	1.0 0.5 0.5 (1.0)
olvi66*	0.0 0.5 0.5 (0.0)
olvi67*	1.0 0.5 0.5 (1.0)
olvi68*	0.0 0.5 0.5 (0.0)
olvi69*	1.0 0.5 0.5 (1.0)
olvi70*	0.0 0.5 0.5 (0.0)
olvi71*	1.0 0.5 0.5 (1.0)
olvi72*	0.0 0.5 0.5 (0.0)
olvi73*	1.0 0.5 0.5 (1.0)
olvi74*	0.0 0.5 0.5 (0.0)
olvi75*	1.0 0.5 0.5 (1.0)
olvi76*	0.0 0.5 0.5 (0.0)
olvi77*	1.0 0.5 0.5 (1.0)
olvi78*	0.0 0.5 0.5 (0.0)
olvi79*	1.0 0.5 0.5 (1.0)
olvi80*	0.0 0.5 0.5 (0.0)
olvi81*	1.0 0.5 0.5 (1.0)
olvi82*	0.0 0.5 0.5 (0.0)
olvi83*	1.0 0.5 0.5 (1.0)
olvi84*	0.0 0.5 0.5 (0.0)
olvi85*	1.0 0.5 0.5 (1.0)
olvi86*	0.0 0.5 0.5 (0.0)
olvi87*	1.0 0.5 0.5 (1.0)
olvi88*	0.0 0.5 0.5 (0.0)
olvi89*	1.0 0.5 0.5 (1.0)
olvi90*	0.0 0.5 0.5 (0.0)
olvi91*	1.0 0.5 0.5 (1.0)
olvi92*	0.0 0.5 0.5 (0.0)
olvi93*	1.0 0.5 0.5 (1.0)
olvi94*	0.0 0.5 0.5 (0.0)
olvi95*	1.0 0.5 0.5 (1.0)
olvi96*	0.0 0.5 0.5 (0.0)
olvi97*	1.0 0.5 0.5 (1.0)
olvi98*	0.0 0.5 0.5 (0.0)
olvi99*	1.0 0.5 0.5 (1.0)
olvi100*	0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)	
olvi3*	1.0 0.25 0.25 (1.0)
olvi4*	0.0 0.25 0.25 (0.0)
olvi5*	1.0 0.25 0.25 (1.0)
olvi6*	0.0 0.25 0.25 (0.0)
olvi7*	1.0 0.25 0.25 (1.0)
olvi8*	0.0 0.25 0.25 (0.0)
olvi9*	1.0 0.25 0.25 (1.0)
olvi10*	0.0 0.25 0.25 (0.0)
olvi11*	1.0 0.25 0.25 (1.0)
olvi12*	0.0 0.25 0.25 (0.0)
olvi13*	1.0 0.25 0.25 (1.0)
olvi14*	0.0 0.25 0.25 (0.0)
olvi15*	1.0 0.25 0.25 (1.0)
olvi16*	0.0 0.25 0.25 (0.0)
olvi17*	1.0 0.25 0.25 (1.0)
olvi18*	0.0 0.25 0.25 (0.0)
olvi19*	1.0 0.25 0.25 (1.0)
olvi20*	0.0 0.25 0.25 (0.0)
olvi21*	1.0 0.25 0.25 (1.0)
olvi22*	0.0 0.25 0.25 (0.0)
olvi23*	1.0 0.25 0.25 (1.0)
olvi24*	0.0 0.25 0.25 (0.0)
olvi25*	1.0 0.25 0.25 (1.0)
olvi26*	0.0 0.25

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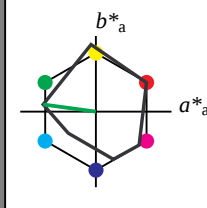
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 172/360 = 0.479$

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 52 70 172
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCa 99.99 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.75 (1.0)
olvi4* 0.25 0.0 0.25 (0.0)
olvi5* 0.75 1.0 0.75 (1.0)
olvi6* 0.25 0.0 0.25 (0.0)
olvi7* 0.75 1.0 0.75 (1.0)
standard and adapted CIELAB
LAB*LAB 84.58 -18.19 6.39
LAB*Lab 84.58 -17.42 2.36
LAB*TCa 97.5 17.59 172.29

relative Inform. Technology (IT)
olvi3* 0.5 1.0 0.5 (1.0)
olvi4* 0.5 0.0 0.5 (0.0)
olvi5* 0.5 1.0 0.5 (1.0)
olvi6* 0.5 0.0 0.5 (0.0)
olvi7* 0.5 1.0 0.5 (1.0)
standard and adapted CIELAB
LAB*LAB 73.75 -35.42 8.02
LAB*Lab 73.75 -34.85 4.72
LAB*TCa 75.0 35.18 172.29

relative Inform. Technology (IT)
olvi3* 0.25 1.0 0.25 (1.0)
olvi4* 0.25 0.0 0.25 (0.0)
olvi5* 0.25 1.0 0.25 (1.0)
olvi6* 0.25 0.0 0.25 (0.0)
olvi7* 0.25 1.0 0.25 (1.0)
standard and adapted CIELAB
LAB*LAB 62.93 -52.64 9.65
LAB*Lab 62.93 -52.28 7.08
LAB*TCa 62.5 52.77 172.29

relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.0 (1.0)
olvi4* 0.0 0.0 1.0 (0.0)
olvi5* 0.0 1.0 0.0 (1.0)
olvi6* 0.0 0.0 1.0 (0.0)
olvi7* 0.0 1.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 52.11 -69.86 11.28
LAB*Lab 52.11 -69.71 9.44
LAB*TCa 50.0 70.36 172.29

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (0.0)
olvi4* 0.0 0.5 0.0 (0.0)
olvi5* 0.0 0.5 0.0 (0.0)
olvi6* 0.0 0.5 0.0 (0.0)
olvi7* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 43.53 -27.84 3.34
LAB*Lab 43.53 -27.68 3.08
LAB*TCa 37.5 52.77 172.29

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.0 (0.0)
olvi4* 0.0 0.25 0.0 (0.0)
olvi5* 0.0 0.25 0.0 (0.0)
olvi6* 0.0 0.25 0.0 (0.0)
olvi7* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.83
LAB*Lab 37.36 0.0 0.0
LAB*TCa 25.0 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 1.0 (0.0)
olvi4* 0.0 1.0 0.0 (0.0)
olvi5* 0.0 0.0 1.0 (0.0)
olvi6* 0.0 1.0 0.0 (0.0)
olvi7* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCa 0.01 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

MRS18; adaptierte CIELAB-Daten	L*	a*	b*	C*	h*
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

$n^* = 1.0$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

relative Inform. Technology (IT)
olvi3* 0.0 0.0 1.0 (0.0)
olvi4* 0.0 1.0 0.0 (0.0)
olvi5* 0.0 0.0 1.0 (0.0)
olvi6* 0.0 1.0 0.0 (0.0)
olvi7* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCa 0.01 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCa 0.0 0.0 0.0

UG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 172/360 = 0.479 (links)

5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

BAM-Prüfvorlage UG55; Farbmetrik-Systeme MRS18 & ORS18input: cmy0* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: no change compared to input

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 218/360 = 0.605$

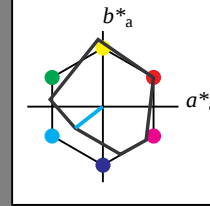
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 218

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	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

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

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)
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 76.06 -0.6 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCh 75.0 0.01

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 56.71 -0.23 2.14
LAB*Lab 56.71 0.0 0.0
LAB*TCh 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 37.36 -0.83 0.83
LAB*Lab 37.36 0.0 0.0
LAB*TCh 25.0 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 18.02 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olvi4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
LAB*LAB 82.81 -9.87 -3.2
LAB*Lab 82.81 -9.13 -7.11
LAB*TCh 87.5 11.58 217.91

relative CIELAB lab*
lab*lab 0.837 -0.196 -0.153
lab*ch 0.875 0.25 0.605
lab*nch 0.0 0.25 0.605
relative Natural Colour (NC)
lab*trj 0.837 -0.176 -0.176
lab*trc 0.875 0.25 0.625
lab*ncc 0.0 0.25 0.625

relative Inform. Technology (IT)
olvi3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olvi4* 0.75 1.0 1.0 (0.0)
cmyn4* 0.5 0.0 0.0 (0.0)
LAB*LAB 63.46 -9.5 -4.51
LAB*Lab 63.46 -9.13 -7.11
LAB*TCh 62.5 11.59 217.91

relative CIELAB lab*
lab*lab 0.587 -0.196 -0.176
lab*ch 0.625 0.25 0.605
lab*nch 0.0 0.25 0.605
relative Natural Colour (NC)
lab*trj 0.587 -0.176 -0.176
lab*trc 0.625 0.25 0.625
lab*ncc 0.0 0.25 0.625

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olvi4* 0.75 1.0 1.0 (0.0)
cmyn4* 0.25 0.0 0.0 (0.0)
LAB*LAB 50.87 -18.4 -12.48
LAB*Lab 50.87 -18.29 -14.23
LAB*TCh 50.0 23.17 217.91

relative CIELAB lab*
lab*lab 0.425 -0.394 -0.306
lab*ch 0.5 0.5 0.605
lab*nch 0.0 0.5 0.605
relative Natural Colour (NC)
lab*trj 0.425 -0.353 -0.352
lab*trc 0.5 0.5 0.625
lab*ncc 0.0 0.5 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (0.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 31.52 -18.03 -13.78
LAB*Lab 31.52 -18.27 -14.23
LAB*TCh 25.01 23.17 217.91

relative CIELAB lab*
lab*lab 0.337 -0.591 -0.46
lab*ch 0.375 0.75 0.605
lab*nch 0.0 0.75 0.605
relative Natural Colour (NC)
lab*trj 0.337 -0.529 -0.529
lab*trc 0.375 0.75 0.625
lab*ncc 0.0 0.75 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 24.77 -9.13 -7.11
LAB*Lab 24.77 -9.13 -7.11
LAB*TCh 12.5 11.58 217.91

relative CIELAB lab*
lab*lab 0.087 -0.196 -0.153
lab*ch 0.125 0.25 0.605
lab*nch 0.0 0.25 0.605
relative Natural Colour (NC)
lab*trj 0.087 -0.176 -0.176
lab*trc 0.125 0.25 0.625
lab*ncc 0.0 0.25 0.625

relative Inform. Technology (IT)
olvi3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olvi4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
LAB*LAB 70.21 -18.77 -11.17
LAB*Lab 70.21 -18.27 -14.23
LAB*TCh 75.0 23.17 217.91

relative CIELAB lab*
lab*lab 0.674 -0.393 -0.306
lab*ch 0.75 0.5 0.605
lab*nch 0.0 0.5 0.605
relative Natural Colour (NC)
lab*trj 0.674 -0.353 -0.352
lab*trc 0.75 0.5 0.625
lab*ncc 0.0 0.5 0.625

relative Inform. Technology (IT)
olvi3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olvi4* 0.5 1.0 1.0 (0.0)
cmyn4* 0.5 0.0 0.0 (0.0)
LAB*LAB 57.62 -27.67 -19.14
LAB*Lab 57.62 -27.42 -21.35
LAB*TCh 62.5 34.76 217.91

relative CIELAB lab*
lab*lab 0.512 -0.591 -0.46
lab*ch 0.625 0.75 0.605
lab*nch 0.0 0.75 0.605
relative Natural Colour (NC)
lab*trj 0.512 -0.529 -0.529
lab*trc 0.625 0.75 0.625
lab*ncc 0.0 0.75 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olvi4* 0.25 1.0 1.0 (0.0)
cmyn4* 0.25 0.0 0.0 (0.0)
LAB*LAB 45.03 -36.57 -27.11
LAB*Lab 45.03 -36.36 -28.47
LAB*TCh 50.0 46.35 217.91

relative CIELAB lab*
lab*lab 0.349 -0.788 -0.613
lab*ch 0.5 1.0 0.605
lab*nch 0.0 1.0 0.605
relative Natural Colour (NC)
lab*trj 0.349 -0.706 -0.706
lab*trc 0.5 1.0 0.625
lab*ncc 0.0 1.0 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 38.28 -27.3 -20.44
LAB*Lab 38.28 -27.42 -21.35
LAB*TCh 37.51 34.76 217.91

relative CIELAB lab*
lab*lab 0.262 -0.591 -0.46
lab*ch 0.375 0.75 0.605
lab*nch 0.0 0.75 0.605
relative Natural Colour (NC)
lab*trj 0.262 -0.529 -0.529
lab*trc 0.375 0.75 0.625
lab*ncc 0.0 0.75 0.625

$n^* = 0.00$

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olvi4* 0.25 1.0 1.0 (0.0)
cmyn4* 0.75 0.0 0.0 (0.0)
LAB*LAB 57.62 -27.67 -19.14
LAB*Lab 57.62 -27.42 -21.35
LAB*TCh 62.5 34.76 217.91

relative CIELAB lab*
lab*lab 0.512 -0.591 -0.46
lab*ch 0.625 0.75 0.605
lab*nch 0.0 0.75 0.605
relative Natural Colour (NC)
lab*trj 0.512 -0.529 -0.529
lab*trc 0.625 0.75 0.625
lab*ncc 0.0 0.75 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olvi4* 0.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 45.03 -36.57 -27.11
LAB*Lab 45.03 -36.36 -28.47
LAB*TCh 50.0 46.35 217.91

relative CIELAB lab*
lab*lab 0.349 -0.788 -0.613
lab*ch 0.5 1.0 0.605
lab*nch 0.0 1.0 0.605
relative Natural Colour (NC)
lab*trj 0.349 -0.706 -0.706
lab*trc 0.5 1.0 0.625
lab*ncc 0.0 1.0 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olvi4* 0.25 1.0 1.0 (0.0)
cmyn4* 0.25 0.0 0.0 (0.0)
LAB*LAB 45.03 -36.57 -27.11
LAB*Lab 45.03 -36.36 -28.47
LAB*TCh 50.0 46.35 217.91

relative CIELAB lab*
lab*lab 0.349 -0.788 -0.613
lab*ch 0.5 1.0 0.605
lab*nch 0.0 1.0 0.605
relative Natural Colour (NC)
lab*trj 0.349 -0.706 -0.706
lab*trc 0.5 1.0 0.625
lab*ncc 0.0 1.0 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 38.28 -27.3 -20.44
LAB*Lab 38.28 -27.42 -21.35
LAB*TCh 37.51 34.76 217.91

relative CIELAB lab*
lab*lab 0.262 -0.591 -0.46
lab*ch 0.375 0.75 0.605
lab*nch 0.0 0.75 0.605
relative Natural Colour (NC)
lab*trj 0.262 -0.529 -0.529
lab*trc 0.375 0.75 0.625
lab*ncc 0.0 0.75 0.625

$n^* = 0.25$

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olvi4* 0.25 1.0 1.0 (0.0)
cmyn4* 0.25 0.0 0.0 (0.0)
LAB*LAB 45.03 -36.57 -27.11
LAB*Lab 45.03 -36.36 -28.47
LAB*TCh 50.0 46.35 217.91

relative CIELAB lab*
lab*lab 0.349 -0.788 -0.613
lab*ch 0.5 1.0 0.605
lab*nch 0.0 1.0 0.605
relative Natural Colour (NC)
lab*trj 0.349 -0.706 -0.706
lab*trc 0.5 1.0 0.625
lab*ncc 0.0 1.0 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 38.28 -27.3 -20.44
LAB*Lab 38.28 -27.42 -21.35
LAB*TCh 37.51 34.76 217.91

relative CIELAB lab*
lab*lab 0.262 -0.591 -0.46
lab*ch 0.375 0.75 0.605
lab*nch 0.0 0.75 0.605
relative Natural Colour (NC)
lab*trj 0.262 -0.529 -0.529
lab*trc 0.375 0.75 0.625
lab*ncc 0.0 0.75 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olvi4* 0.25 1.0 1.0 (0.0)
cmyn4* 0.25 0.0 0.0 (0.0)
LAB*LAB 45.03 -36.57 -27.11
LAB*Lab 45.03 -36.36 -28.47
LAB*TCh 50.0 46.35 217.91

relative CIELAB lab*
lab*lab 0.349 -0.788 -0.613
lab*ch 0.5 1.0 0.605
lab*nch 0.0 1.0 0.605
relative Natural Colour (NC)
lab*trj 0.349 -0.706 -0.706
lab*trc 0.5 1.0 0.625
lab*ncc 0.0 1.0 0.625

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
cmyn3* 1.0 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 38.28 -27.3 -20.44
LAB*Lab 38.28 -27.42 -21.35
LAB*TCh 37.51 34.76 217.91

relative CIELAB lab*
lab*lab 0.262 -0.591 -0.46
lab*ch 0.375 0.75 0.605
lab*nch 0.0 0.75 0.605
relative Natural Colour (NC)
lab*trj 0.262 -0.529 -0.529
lab*trc 0.375 0.75 0.625
lab*ncc 0.0 0.75 0.625

$n^* = 0.50$

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$

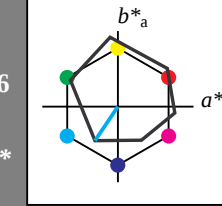
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	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

%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)
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 76.06 -0.6 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCh 75.0 0.01

relative CIELAB lab*
lab*lab 0.881 -0.139 -0.206
lab*ch 0.875 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.881 -0.123 -0.216
lab*trc 0.875 0.25 0.667
lab*ncc 0.0 0.25 0.667

relative Inform. Technology (IT)
olvi3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olvi4* 0.75 1.0 1.0 (0.0)
cmyn4* 0.5 0.0

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 290/360 = 0.806$

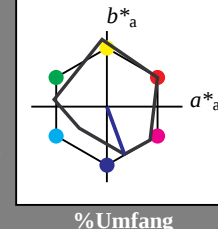
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 37 67 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (1.0)

olvi38* 1.0 1.0 1.0 (1.0)

olvi39* 1.0 1.0 1.0 (1.0)

olvi40* 1.0 1.0 1.0 (1.0)

MRS18; adaptierte CIELAB-Daten

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$

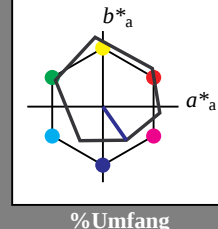
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (1.0)

olvi38* 1.0 1.0 1.0 (1.0)

olvi39* 1.0 1.0 1.0 (1.0)

olvi40* 1.0 1.0 1.0 (1.0)

ORS18; adaptierte CIELAB-Daten

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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
JCIE	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

%Regularität

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

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

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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
JCIE	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

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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
JCIE	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

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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
JCIE	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

UG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.806 (links)

5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (rechts)

BAM-Prüfvorlage UG55; Farbmetrik-Systeme MRS18 & ORS18input: cmy0* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: no change compared to input

Eingabe: Farbmetrisches Reflexions-System MRS18

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

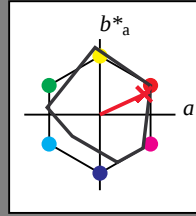
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit t^*



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
olvi3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
olvi4*	0.0	0.25	0.25	(0.0)
olvi5*	1.0	0.75	0.75	(1.0)
olvi5*	0.0	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
olvi3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi5*	1.0	0.5	0.5	(1.0)
olvi5*	0.0	0.5	0.5	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.25	0.25	(1.0)
olvi3*	0.0	0.75	0.75	(0.0)
olvi4*	1.0	0.25	0.25	(1.0)
olvi4*	0.0	0.75	0.75	(0.0)
olvi5*	1.0	0.25	0.25	(1.0)
olvi5*	0.0	0.75	0.75	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
olvi3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi5*	1.0	0.0	0.0	(1.0)
olvi5*	0.0	1.0	1.0	(0.0)

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$

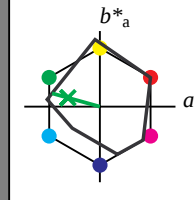
lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 56 66 164

rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

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 -0.97 4.75
LAB*LAB 95.41 0.0 0.0
LAB*TCa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (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 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*TCa 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (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 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCa 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.36 -0.38 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.776 1.0 0.75 (1.0)
cmyn3* 0.224 0.0 0.25 (0.0)
olvi4* 0.776 1.0 0.75 (1.0)
cmyn4* 0.224 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.57 -16.58 8.49
LAB*LAB 85.57 -15.79 4.4
LAB*TCa 87.5 16.4 164.45

relative CIELAB lab*
lab*lab 0.873 -0.24 0.067
lab*ch 0.875 0.25 0.457
lab*nch 0.0 0.25 0.457
relative Natural Colour (NC)
lab*trj 0.873 -0.249 0.0
lab*trc 0.875 0.25 0.3
lab*ncc 0.0 0.25 0.398

relative Inform. Technology (IT)
olvi3* 0.526 0.75 0.5 (1.0)
cmyn3* 0.474 0.25 0.5 (0.0)
olvi4* 0.776 1.0 0.75 (1.0)
cmyn4* 0.224 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*TCa 62.5 16.41 164.46

relative CIELAB lab*
lab*lab 0.619 -0.221 0.201
lab*ch 0.625 0.75 0.457
lab*nch 0.0 0.75 0.457
relative Natural Colour (NC)
lab*trj 0.619 -0.249 0.0
lab*trc 0.625 0.75 0.5
lab*ncc 0.0 0.75 0.998

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.25 0.75 (0.0)
olvi4* 0.551 1.0 0.5 (0.0)
cmyn4* 0.449 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 8.79
LAB*LAB 56.39 -31.61 8.79
LAB*TCa 50.0 32.81 164.46

relative CIELAB lab*
lab*lab 0.486 -0.481 0.134
lab*ch 0.496 -0.499 0.0
lab*nch 0.0 0.496 -0.499 0.0
relative Natural Colour (NC)
lab*trj 0.496 -0.499 0.0
lab*trc 0.496 -0.499 0.0
lab*ncc 0.0 0.496 -0.499 0.0

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.969 0.5 1.0 (0.0)
olvi4* 0.551 1.0 0.5 (0.0)
cmyn4* 0.449 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 37.04 -31.47 9.6
LAB*TCa 25.01 32.81 164.47

relative CIELAB lab*
lab*lab 0.246 -0.481 0.134
lab*ch 0.25 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.246 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.908

relative Inform. Technology (IT)
olvi3* 0.123 -0.24 0.067
cmyn3* 0.125 0.25 0.457
olvi4* 0.125 0.25 0.457
cmyn4* 0.125 0.25 0.457
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.123 -0.24 0.067
lab*ch 0.125 0.25 0.457
lab*nch 0.0 0.25 0.457
relative Natural Colour (NC)
lab*trj 0.123 -0.249 0.0
lab*trc 0.125 0.25 0.3
lab*ncc 0.0 0.25 0.398

relative Inform. Technology (IT)
olvi3* 0.327 1.0 0.5 (1.0)
cmyn3* 0.673 0.0 0.5 (0.0)
olvi4* 0.327 1.0 0.5 (1.0)
cmyn4* 0.673 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*TCa 75.0 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.499 0.0
lab*trc 0.75 0.5 0.3
lab*ncc 0.0 0.5 0.998

relative Inform. Technology (IT)
olvi3* 0.077 0.75 0.0 (1.0)
cmyn3* 0.923 0.25 1.0 (0.0)
olvi4* 0.077 0.75 0.0 (1.0)
cmyn4* 0.923 0.25 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.07 -63.44 19.68
LAB*LAB 56.07 -63.44 19.68
LAB*TCa 50.0 65.62 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.492 -0.962 0.268
lab*nch 0.0 0.492 -0.962 0.268
relative Natural Colour (NC)
lab*trj 0.492 -0.962 0.268
lab*trc 0.492 -0.962 0.268
lab*ncc 0.0 0.492 -0.962 0.268

relative Inform. Technology (IT)
olvi3* 0.293 0.25 1.0 (0.0)
cmyn3* 0.707 0.75 0.0 (1.0)
olvi4* 0.293 0.25 1.0 (0.0)
cmyn4* 0.707 0.75 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 46.55 -47.46 14.64
LAB*LAB 46.55 -47.46 14.64
LAB*TCa 37.51 49.22 164.47

relative CIELAB lab*
lab*lab 0.369 -0.722 0.201
lab*ch 0.375 0.75 0.457
lab*nch 0.0 0.75 0.457
relative Natural Colour (NC)
lab*trj 0.369 -0.749 0.0
lab*trc 0.375 0.75 0.5
lab*ncc 0.0 0.75 0.908

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.969 0.5 1.0 (0.0)
olvi4* 0.031 0.5 0.0 (1.0)
cmyn4* 0.969 0.5 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 37.04 -31.47 9.6
LAB*TCa 25.01 32.81 164.47

relative CIELAB lab*
lab*lab 0.246 -0.481 0.134
lab*ch 0.25 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.246 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.908

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.969 0.5 1.0 (0.0)
olvi4* 0.031 0.5 0.0 (1.0)
cmyn4* 0.969 0.5 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 37.04 -31.47 9.6
LAB*TCa 25.01 32.81 164.47

relative CIELAB lab*
lab*lab 0.246 -0.481 0.134
lab*ch 0.25 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.246 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.908

relative Inform. Technology (IT)
olvi3* 0.327 1.0 0.5 (1.0)
cmyn3* 0.673 0.0 0.5 (0.0)
olvi4* 0.327 1.0 0.5 (1.0)
cmyn4* 0.673 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*TCa 75.0 32.81 164.46

relative CIELAB lab*
lab*lab 0.746 -0.481 0.134
lab*ch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.746 -0.499 0.0
lab*trc 0.75 0.5 0.3
lab*ncc 0.0 0.5 0.998

relative Inform. Technology (IT)
olvi3* 0.077 0.75 0.0 (1.0)
cmyn3* 0.923 0.25 1.0 (0.0)
olvi4* 0.077 0.75 0.0 (1.0)
cmyn4* 0.923 0.25 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.07 -63.44 19.68
LAB*LAB 56.07 -63.44 19.68
LAB*TCa 50.0 65.62 164.46

relative CIELAB lab*
lab*lab 0.482 -0.962 0.268
lab*ch 0.492 -0.962 0.268
lab*nch 0.0 0.492 -0.962 0.268
relative Natural Colour (NC)
lab*trj 0.492 -0.962 0.268
lab*trc 0.492 -0.962 0.268
lab*ncc 0.0 0.492 -0.962 0.268

relative Inform. Technology (IT)
olvi3* 0.293 0.25 1.0 (0.0)
cmyn3* 0.707 0.75 0.0 (1.0)
olvi4* 0.293 0.25 1.0 (0.0)
cmyn4* 0.707 0.75 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 46.55 -47.46 14.64
LAB*LAB 46.55 -47.46 14.64
LAB*TCa 37.51 49.22 164.47

relative CIELAB lab*
lab*lab 0.369 -0.722 0.201
lab*ch 0.375 0.75 0.457
lab*nch 0.0 0.75 0.457
relative Natural Colour (NC)
lab*trj 0.369 -0.749 0.0
lab*trc 0.375 0.75 0.5
lab*ncc 0.0 0.75 0.908

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.969 0.5 1.0 (0.0)
olvi4* 0.031 0.5 0.0 (1.0)
cmyn4* 0.969 0.5 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 37.04 -31.47 9.6
LAB*TCa 25.01 32.81 164.47

relative CIELAB lab*
lab*lab 0.246 -0.481 0.134
lab*ch 0.25 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.246 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.908

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.969 0.5 1.0 (0.0)
olvi4* 0.031 0.5 0.0 (1.0)
cmyn4* 0.969 0.5 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.6
LAB*LAB 37.04 -31.47 9.6
LAB*TCa 25.01 32.81 164.47

relative CIELAB lab*
lab*lab 0.246 -0.481 0.134
lab*ch 0.25 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.246 -0.499 0.0
lab*trc 0.25 0.5 0.3
lab*ncc 0.0 0.5 0.908

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

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$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$

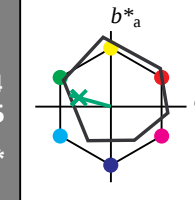
lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 53 57 164

rgb*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 -0.97 4.75
LAB*LAB 95.41 0.0 0.0
LAB*TCa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (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 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*TCa 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (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 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCa 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.36 -0.38 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCa 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.812 (1.0)
cmyn3* 0.25 0.0 0.188 (0

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$

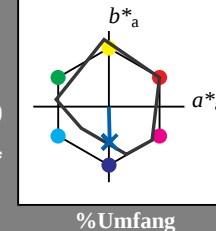
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit t^*



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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
JCIE	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

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.97	4.75	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
relative Natural Colour (NC)			
lab*trj	1.0	0.0	0.0
lab*trc	0.0	1.0	0.0
lab*trn	0.0	0.0	1.0

relative Inform. Technology (IT)

olvi3*	0.75	0.842	1.0	(1.0)
olvi3*	0.25	0.158	0.0	(0.0)
olvi4*	0.75	0.842	1.0	(1.0)
olvi4*	0.25	0.158	0.0	(0.0)
olvi5*	0.75	0.842	1.0	(1.0)
olvi5*	0.25	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	81.49	-0.4	-8.75	
LAB*LAB	81.49	0.31	-12.57	
LAB*LAB	97.5	12.59	271.39	

relative CIELAB lab*

lab*lab	0.82	0.006	-0.249
lab*ch	0.875	0.25	0.754
lab*nch	0.0	0.25	0.754
relative Natural Colour (NC)			
lab*trj	0.82	0.0	-0.249
lab*trc	0.875	0.25	0.754
lab*trn	0.0	0.25	0.754

relative Inform. Technology (IT)

olvi3*	0.5	0.592	0.75	(1.0)
olvi3*	0.25	0.408	0.25	(0.0)
olvi4*	0.75	0.842	1.0	(1.0)
olvi4*	0.25	0.158	0.0	(0.0)
olvi5*	0.75	0.842	1.0	(1.0)
olvi5*	0.25	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	62.14	-0.02	-10.06	
LAB*LAB	62.14	0.31	-12.58	
LAB*LAB	62.5	12.59	271.4	

relative CIELAB lab*

lab*lab	0.64	0.012	-0.499
lab*ch	0.75	0.5	0.754
lab*nch	0.0	0.5	0.754
relative Natural Colour (NC)			
lab*trj	0.64	0.0	-0.499
lab*trc	0.75	0.5	0.754
lab*trn	0.0	0.5	0.754

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	
LAB*LAB	76.06	0.0	0.0	
LAB*LAB	75.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.592	0.75	(1.0)
olvi3*	0.25	0.408	0.25	(0.0)
olvi4*	0.75	0.842	1.0	(1.0)
olvi4*	0.25	0.158	0.0	(0.0)
olvi5*	0.75	0.842	1.0	(1.0)
olvi5*	0.25	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	62.14	-0.02	-10.06	
LAB*LAB	62.14	0.31	-12.58	
LAB*LAB	62.5	12.59	271.4	

relative CIELAB lab*

lab*lab	0.64	0.012	-0.499
lab*ch	0.75	0.5	0.754
lab*nch	0.0	0.5	0.754
relative Natural Colour (NC)			
lab*trj	0.64	0.0	-0.499
lab*trc	0.75	0.5	0.754
lab*trn	0.0	0.5	0.754

relative Inform. Technology (IT)

olvi3*	0.0	0.367	1.0	(1.0)
olvi3*	0.75	0.566	0.25	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
olvi4*	0.25	0.316	0.0	(0.0)
olvi5*	0.5	0.684	1.0	(1.0)
olvi5*	0.25	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.22	0.54	-23.59	
LAB*LAB	48.22	0.62	-25.17	
LAB*LAB	50.0	25.18	271.4	

relative CIELAB lab*

lab*lab	0.46	0.018	-0.749
lab*ch	0.625	0.75	0.754
lab*nch	0.0	0.75	0.754
relative Natural Colour (NC)			
lab*trj	0.46	0.0	-0.749
lab*trc	0.625	0.75	0.754
lab*trn	0.0	0.75	0.754

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	
LAB*LAB	56.71	0.0	0.0	
LAB*LAB	50.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.434	0.75	(1.0)
olvi3*	0.75	0.566	0.25	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
olvi4*	0.25	0.316	0.0	(0.0)
olvi5*	0.5	0.684	1.0	(1.0)
olvi5*	0.25	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.22	0.54	-23.59	
LAB*LAB	48.22	0.62	-25.17	
LAB*LAB	50.0	25.18	271.4	

relative CIELAB lab*

lab*lab	0.39	0.01	-0.499
lab*ch	0.5	0.5	0.754
lab*nch	0.0	0.5	0.754
relative Natural Colour (NC)			
lab*trj	0.39	0.0	-0.499
lab*trc	0.5	0.5	0.754
lab*trn	0.0	0.5	0.754

relative Inform. Technology (IT)

olvi3*	0.0	0.278	0.75	(1.0)
olvi3*	0.75	0.566	0.25	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
olvi4*	0.25	0.316	0.0	(0.0)
olvi5*	0.5	0.684	1.0	(1.0)
olvi5*	0.25	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	39.73	1.32	-49.33	
LAB*LAB	39.73	1.23	-50.34	
LAB*LAB	50.0	50.36	271.41	

relative CIELAB lab*

lab*lab	0.281	0.025	-0.998
lab*ch	0.5	1.0	0.754
lab*nch	0.0	1.0	0.754
relative Natural Colour (NC)			
lab*trj	0.281	0.0	-0.999
lab*trc	0.5	1.0	0.754
lab*trn	0.0	1.0	0.754

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.36	-0.13	0.63	
LAB*LAB	37.36	0.0	0.0	
LAB*LAB	25.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.3	0.006	-0.249
lab*ch	0.375	0.25	0.754
lab*nch	0.0	0.25	0.754
relative Natural Colour (NC)			
lab*trj	0.3	0.0	-0.249
lab*trc	0.375	0.25	0.754
lab*trn	0.0	0.25	0.754

relative Inform. Technology (IT)

olvi3*	0.0	0.184	0.5	(1.0)
olvi3*	0.75	0.566	0.25	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
olvi4*	0.25	0.316	0.0	(0.0)
olvi5*	0.5	0.684	1.0	(1.0)
olvi5*	0.25	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	28.87	0.62	-25.16	
LAB*LAB	28.87	0.62	-25.16	
LAB*LAB	25.01	25.18	271.41	

relative CIELAB lab*

lab*lab	0.211	0.018	-0.749
lab*ch	0.375	0.75	0.754
lab*nch	0.0	0.75	0.754
relative Natural Colour (NC)			
lab*trj	0.211	0.0	-0.749
lab*trc	0.375	0.75	0.754
lab*trn	0.0	0.75	0.754

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	29.9	0.13	0.28	
LAB*LAB	29.9	0.0	0.0	
LAB*LAB	25.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.46	
LAB*LAB	18.02	0.0	0.0	
LAB*LAB	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.092	0.25	(1.0)
olvi3*	1.0	0.908	0.75	(0.0)
olvi4*	0.5	0.842	1.0	(1.0)
olvi4*	0.25	0.158	0.0	(0.0)
olvi5*	0.5	0.842	1.0	(1.0)
olvi5*	0.25	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	23.44	0.71	-12.67	
LAB*LAB	23.44	0.31	-12.58	
LAB*LAB	12.5	12.59	271.42	

relative CIELAB lab*

lab*lab	0.07	0.006	-0.249
lab*ch	0.125	0.25	0.75