

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$

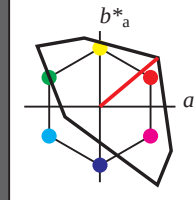
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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

relative CIELAB lab*			
lab*lab	0.882	0.191	0.161
lab*tch	0.875	0.25	0.111
lab*nch	0.0	0.25	0.111
relative Natural Colour (NC)			
lab*lrj	0.882	0.235	0.084
lab*tce	0.875	0.25	0.054
lab*nce	0.0	0.25	0.21j

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 136/360 = 0.378$

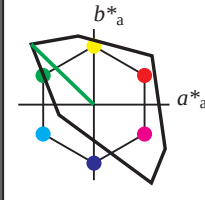
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*LABb	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*labnch	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	71.57	0.0	0.0	
LAB*LABa	71.57	0.0	0.0	
LAB*LABb	75.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*LABa	71.57	0.0	0.0
LAB*LABb	75.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*labch	0.75	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0
lab*labch	0.75	0.0	0.0
lab*labnch	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	47.72	0.0	0.0	
LAB*LABa	47.72	0.0	0.0	
LAB*LABb	50.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LABa	47.72	0.0	0.0
LAB*LABb	50.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*labch	0.5	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0
lab*labch	0.5	0.0	0.0
lab*labnch	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)
LAB*LAB	23.87	0.0	0.0	
LAB*LABa	23.87	0.0	0.0	
LAB*LABb	25.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0
LAB*LABa	23.87	0.0	0.0
LAB*LABb	25.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*labch	0.25	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.25	0.0	0.0
lab*labch	0.25	0.0	0.0
lab*labnch	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)
LAB*LAB	0.03	0.0	0.0	
LAB*LABa	0.03	0.0	0.0	
LAB*LABb	0.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0
LAB*LABa	0.03	0.0	0.0
LAB*LABb	0.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

$n^* = 1.0$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

BAM-Prüfvorlage OG55; Farbmetrik-Systeme TLS00 & ORS18 input: $cmY0^* setcmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: $cmY0^* / 000n^* setcmykcolor$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$

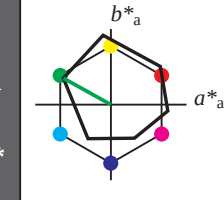
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

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)
LAB*LAB	95.41	-0.98	4.75	
LAB*LABa	95.41	0.0	0.0	
LAB*LABb	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	4.75
LAB*LABa	95.41	0.0	0.0
LAB*LABb	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*labnch	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	-0.61	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*LABb	75.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LABa	76.06	0.0	0.0
LAB*LABb	75.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*labch	0.75	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0
lab*labch	0.75	0.0	0.0
lab*labnch	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	0.24	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*LABb	50.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	56.71	0.24	2.14
LAB*LABa	56.71	0.0	0.0
LAB*LABb	50.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*labch	0.5	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0
lab*labch	0.5	0.0	0.0
lab*labnch	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)
LAB*LAB	37.36	0.13	0.83	
LAB*LABa	37.36	0.0	0.0	
LAB*LABb	37.36	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	37.36	0.13	0.83
LAB*LABa	37.36	0.0	0.0
LAB*LABb	37.36	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*labch	0.25	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.25	0.0	0.0
lab*labch	0.25	0.0	0.0
lab*labnch	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)
LAB*LAB	18.02	0.0	0.47	
LAB*LABa	18.02	0.0	0.0	
LAB*LABb	18.02	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.47
LAB*LABa	18.02	0.0	0.0
LAB*LABb	18.02	0.01	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

$n^* = 1.0$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 306/360 = 0.851$

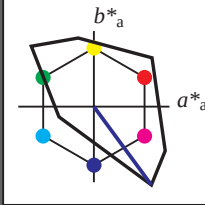
lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 30 129 306

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (1.0)
olv4* 1.0 1.0 1.0 (0.0)
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*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*trj 1.0 0.0 0.0

relative Natural Colour (NC)
lab*nc 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 0.0 0.0

relative CIELAB lab*
lab*lab 0.83 0.148 -0.2
lab*tch 0.875 0.25 0.851
lab*nch 0.0 0.25 0.851
lab*trj 0.83 0.115 -0.221

relative Natural Colour (NC)
lab*nc 0.83 0.115 -0.221
lab*nce 0.83 0.115 -0.221

standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 47.72 0.0 0.0
LAB*LABc 47.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*trj 0.75 0.0 0.0

relative Natural Colour (NC)
lab*nc 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.625 0.25 0.826
lab*tch 0.625 0.25 0.826
lab*nch 0.0 0.25 0.826
lab*trj 0.625 0.25 0.826

relative Natural Colour (NC)
lab*nc 0.625 0.25 0.826
lab*nce 0.625 0.25 0.826

standard and adapted CIELAB
LAB*LAB 15.21 38.02 -51.78
LAB*LABa 15.21 38.02 -51.78
LAB*LABb 15.21 38.02 -51.78
LAB*LABc 15.21 38.02 -51.78

relative CIELAB lab*
lab*lab 0.489 0.444 -0.603
lab*tch 0.489 0.444 -0.603
lab*nch 0.0 0.444 -0.603
lab*trj 0.489 0.444 -0.603

relative Natural Colour (NC)
lab*nc 0.489 0.444 -0.603
lab*nce 0.489 0.444 -0.603

standard and adapted CIELAB
LAB*LAB 3.146 19.01 -25.89
LAB*LABa 3.146 19.01 -25.89
LAB*LABb 3.146 19.01 -25.89
LAB*LABc 3.146 19.01 -25.89

relative CIELAB lab*
lab*lab 0.314 0.115 -0.221
lab*tch 0.314 0.115 -0.221
lab*nch 0.0 0.115 -0.221
lab*trj 0.314 0.115 -0.221

relative Natural Colour (NC)
lab*nc 0.314 0.115 -0.221
lab*nce 0.314 0.115 -0.221

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (1.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 62.9 38.02 -51.78
LAB*LABa 62.9 38.02 -51.78
LAB*LABb 62.9 38.02 -51.78
LAB*LABc 62.9 38.02 -51.78

relative CIELAB lab*
lab*lab 0.639 0.296 -0.402
lab*tch 0.639 0.296 -0.402
lab*nch 0.0 0.296 -0.402
lab*trj 0.639 0.296 -0.402

relative Natural Colour (NC)
lab*nc 0.639 0.296 -0.402
lab*nce 0.639 0.296 -0.402

standard and adapted CIELAB
LAB*LAB 39.05 38.03 -51.79
LAB*LABa 39.05 38.03 -51.79
LAB*LABb 39.05 38.03 -51.79
LAB*LABc 39.05 38.03 -51.79

relative CIELAB lab*
lab*lab 0.489 0.444 -0.603
lab*tch 0.489 0.444 -0.603
lab*nch 0.0 0.444 -0.603
lab*trj 0.489 0.444 -0.603

relative Natural Colour (NC)
lab*nc 0.489 0.444 -0.603
lab*nce 0.489 0.444 -0.603

standard and adapted CIELAB
LAB*LAB 15.21 38.02 -51.78
LAB*LABa 15.21 38.02 -51.78
LAB*LABb 15.21 38.02 -51.78
LAB*LABc 15.21 38.02 -51.78

relative CIELAB lab*
lab*lab 0.314 0.115 -0.221
lab*tch 0.314 0.115 -0.221
lab*nch 0.0 0.115 -0.221
lab*trj 0.314 0.115 -0.221

relative Natural Colour (NC)
lab*nc 0.314 0.115 -0.221
lab*nce 0.314 0.115 -0.221

standard and adapted CIELAB
LAB*LAB 3.146 19.01 -25.89
LAB*LABa 3.146 19.01 -25.89
LAB*LABb 3.146 19.01 -25.89
LAB*LABc 3.146 19.01 -25.89

relative CIELAB lab*
lab*lab 0.152 0.058 -0.086
lab*tch 0.152 0.058 -0.086
lab*nch 0.0 0.058 -0.086
lab*trj 0.152 0.058 -0.086

relative Natural Colour (NC)
lab*nc 0.152 0.058 -0.086
lab*nce 0.152 0.058 -0.086

standard and adapted CIELAB
LAB*LAB 0.625 0.25 0.826
LAB*LABa 0.625 0.25 0.826
LAB*LABb 0.625 0.25 0.826
LAB*LABc 0.625 0.25 0.826

relative CIELAB lab*
lab*lab 0.314 0.115 -0.221
lab*tch 0.314 0.115 -0.221
lab*nch 0.0 0.115 -0.221
lab*trj 0.314 0.115 -0.221

relative Natural Colour (NC)
lab*nc 0.314 0.115 -0.221
lab*nce 0.314 0.115 -0.221

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

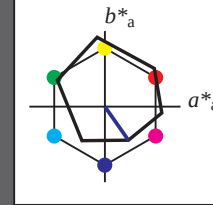
lab^*tch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (1.0)
olv4* 1.0 1.0 1.0 (0.0)
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 -0.98 4.75
LAB*LABb 95.41 -0.98 4.75
LAB*LABc 95.41 -0.98 4.75

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*trj 1.0 0.0 0.0

relative Natural Colour (NC)
lab*nc 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative CIELAB lab*
lab*lab 0.760 0.01 -0.01
lab*tch 0.760 0.01 -0.01
lab*nch 0.0 0.01 -0.01
lab*trj 0.760 0.01 -0.01

relative Natural Colour (NC)
lab*nc 0.760 0.01 -0.01
lab*nce 0.760 0.01 -0.01

standard and adapted CIELAB
LAB*LAB 56.71 0.24 2.14
LAB*LABa 56.71 0.24 2.14
LAB*LABb 56.71 0.24 2.14
LAB*LABc 56.71 0.24 2.14

relative CIELAB lab*
lab*lab 0.567 0.0 0.0
lab*tch 0.567 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*trj 0.567 0.0 0.0

relative Natural Colour (NC)
lab*nc 0.567 0.0 0.0
lab*nce 0.567 0.0 0.0

standard and adapted CIELAB
LAB*LAB 39.29 7.87 -10.13
LAB*LABa 39.29 7.87 -10.13
LAB*LABb 39.29 7.87 -10.13
LAB*LABc 39.29 7.87 -10.13

relative CIELAB lab*
lab*lab 0.393 0.025 0.025
lab*tch 0.393 0.025 0.025
lab*nch 0.0 0.025 0.025
lab*trj 0.393 0.025 0.025

relative Natural Colour (NC)
lab*nc 0.393 0.025 0.025
lab*nce 0.393 0.025 0.025

standard and adapted CIELAB
LAB*LAB 15.21 38.02 -51.78
LAB*LABa 15.21 38.02 -51.78
LAB*LABb 15.21 38.02 -51.78
LAB*LABc 15.21 38.02 -51.78

relative CIELAB lab*
lab*lab 0.152 0.058 -0.086
lab*tch 0.152 0.058 -0.086
lab*nch 0.0 0.058 -0.086
lab*trj 0.152 0.058 -0.086

relative Natural Colour (NC)
lab*nc 0.152 0.058 -0.086
lab*nce 0.152 0.058 -0.086

standard and adapted CIELAB
LAB*LAB 3.146 19.01 -25.89
LAB*LABa 3.146 19.01 -25.89
LAB*LABb 3.146 19.01 -25.89
LAB*LABc 3.146 19.01 -25.89

relative CIELAB lab*
lab*lab 0.314 0.115 -0.221
lab*tch 0.314 0.115 -0.221
lab*nch 0.0 0.115 -0.221
lab*trj 0.314 0.115 -0.221

relative Natural Colour (NC)
lab*nc 0.314 0.115 -0.221
lab*nce 0.314 0.115 -0.221

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (1.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 60.56 15.23 -19.79
LAB*LABa 60.56 15.23 -19.79
LAB*LABb 60.56 15.23 -19.79
LAB*LABc 60.56 15.23 -19.79

relative CIELAB lab*
lab*lab 0.55 0.287 -0.408
lab*tch 0.55 0.287 -0.408
lab*nch 0.0 0.287 -0.408
lab*trj 0.55 0.287 -0.408

relative Natural Colour (NC)
lab*nc 0.55 0.287 -0.408
lab*nce 0.55 0.287 -0.408

standard and adapted CIELAB
LAB*LAB 41.22 15.6 -21.1
LAB*LABa 41.22 15.6 -21.1
LAB*LABb 41.22 15.6 -21.1
LAB*LABc 41.22 15.6 -21.1

relative CIELAB lab*
lab*lab 0.412 0.025 0.025
lab*tch 0.412 0.025 0.025
lab*nch 0.0 0.025 0.025
lab*trj 0.412 0.025 0.025

relative Natural Colour (NC)
lab*nc 0.412 0.025 0.025
lab*nce 0.412 0.025 0.025

standard and adapted CIELAB
LAB*LAB 15.21 38.02 -51.78
LAB*LABa 15.21 38.02 -51.78
LAB*LABb 15.21 38.02 -51.78
LAB*LABc 15.21 38.02 -51.78

relative CIELAB lab*
lab*lab 0.152 0.058 -0.086
lab*tch 0.152 0.058 -0.086
lab*nch 0.0 0.058 -0.086
lab*trj 0.152 0.058 -0.086

relative Natural Colour (NC)
lab*nc 0.152 0.058 -0.086
lab*nce 0.152 0.058 -0.086

standard and adapted CIELAB
LAB*LAB 3.146 19.01 -25.89
LAB*LABa 3.146 19.01 -25.89
LAB*LABb 3.146 19.01 -25.89
LAB*LABc 3.146 19.01 -25.89

relative CIELAB lab*
lab*lab 0.314 0.115 -0.221
lab*tch 0.314 0.115 -0.221
lab*nch 0.0 0.115 -0.221
lab*trj 0.314 0.115 -0.221

relative Natural Colour (NC)
lab*nc 0.314 0.115 -0.221
lab*nce 0.314 0.115 -0.221

standard and adapted CIELAB
LAB*LAB 0.625 0.25 0.826
LAB*LABa 0.625 0.25 0.826
LAB*LABb 0.625 0.25 0.826
LAB*LABc 0.625 0.25 0.826

relative CIELAB lab*
lab*lab 0.314 0.115 -0.221
lab*tch 0.314 0.115 -0.221
lab*nch 0.0 0.115 -0.221
lab*trj 0.314 0.115 -0.221

relative Natural Colour (NC)
lab*nc 0.314 0.115 -0.221
lab*nce 0.314 0.115 -0.221

OG550-7, 5 stufige Reihen für konstanten CIELAB Buntton 306/360 = 0.851 (links)

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

BAM-Prüfvorlage OG55; Farbmetrik-Systeme TLS00 & ORS18 input: $cmY0^* \text{ setcmYcolor}$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: $cmY0^* / 000n^* \text{ setcmYcolor}$

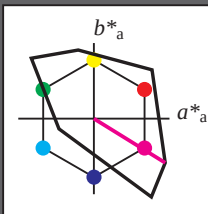
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	1.0	1.0	1.0	(1.0)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	1.0	1.0	1.0	(1.0)
olv10*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*Lab	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0
lab*lab	1.0	0.0	0.0

standard and adapted CIELAB

LAB*Lab	71.57	0.0	0.0
LAB*Lab	71.57	0.0	0.0
LAB*Lab	71.57	0.0	0.0
LAB*Lab	71.57	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0
lab*lab	0.75	0.0	0.0

standard and adapted CIELAB

LAB*Lab	47.72	0.0	0.0
LAB*Lab	47.72	0.0	0.0
LAB*Lab	47.72	0.0	0.0
LAB*Lab	47.72	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0
lab*lab	0.5	0.0	0.0

standard and adapted CIELAB

LAB*Lab	25.00	0.0	0.0
LAB*Lab	25.00	0.0	0.0
LAB*Lab	25.00	0.0	0.0
LAB*Lab	25.00	0.0	0.0

TLS00; adaptierte CIELAB-Daten

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 27.73$

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	1.0	(0.0)
olv5*	1.0	0.5	1.0	(1.0)
olv6*	0.0	0.5	1.0	(0.0)
olv7*	1.0	0.5	1.0	(1.0)
olv8*	0.0	0.5	1.0	(0.0)
olv9*	1.0	0.5	1.0	(1.0)
olv10*	0.0	0.5	1.0	(0.0)

standard and adapted CIELAB

LAB*Lab	76.35	47.17	-29.19
LAB*Lab	76.35	47.17	-29.19
LAB*Lab	76.35	47.17	-29.19
LAB*Lab	76.35	47.17	-29.19

relative CIELAB lab*

lab*lab	0.8	0.425	-0.262
lab*lab	0.8	0.425	-0.262
lab*lab	0.8	0.425	-0.262
lab*lab	0.8	0.425	-0.262

relative Natural Colour (NC)

lab*lab	0.8	0.425	-0.262
lab*lab	0.8	0.425	-0.262
lab*lab	0.8	0.425	-0.262
lab*lab	0.8	0.425	-0.262

standard and adapted CIELAB

LAB*Lab	52.51	47.18	-29.2
LAB*Lab	52.51	47.18	-29.2
LAB*Lab	52.51	47.18	-29.2
LAB*Lab	52.51	47.18	-29.2

relative CIELAB lab*

lab*lab	0.5	0.425	-0.262
lab*lab	0.5	0.425	-0.262
lab*lab	0.5	0.425	-0.262
lab*lab	0.5	0.425	-0.262

relative Natural Colour (NC)

lab*lab	0.5	0.425	-0.262
lab*lab	0.5	0.425	-0.262
lab*lab	0.5	0.425	-0.262
lab*lab	0.5	0.425	-0.262

standard and adapted CIELAB

LAB*Lab	28.66	47.17	-29.19
LAB*Lab	28.66	47.17	-29.19
LAB*Lab	28.66	47.17	-29.19
LAB*Lab	28.66	47.17	-29.19

relative CIELAB lab*

lab*lab	0.15	0.212	-0.131
lab*lab	0.15	0.212	-0.131
lab*lab	0.15	0.212	-0.131
lab*lab	0.15	0.212	-0.131

relative Natural Colour (NC)

lab*lab	0.15	0.212	-0.131
lab*lab	0.15	0.212	-0.131
lab*lab	0.15	0.212	-0.131
lab*lab	0.15	0.212	-0.131

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	1.0	(0.0)
olv5*	1.0	0.5	1.0	(1.0)
olv6*	0.0	0.5	1.0	(0.0)
olv7*	1.0	0.5	1.0	(1.0)
olv8*	0.0	0.5	1.0	(0.0)
olv9*	1.0	0.5	1.0	(1.0)
olv10*	0.0	0.5	1.0	(0.0)

standard and adapted CIELAB

LAB*Lab	66.82	70.75	-43.8
LAB*Lab	66.82	70.75	-43.8
LAB*Lab	66.82	70.75	-43.8
LAB*Lab	66.82	70.75	-43.8

relative CIELAB lab*

lab*lab	0.7	0.638	-0.394
lab*lab	0.7	0.638	-0.394
lab*lab	0.7	0.638	-0.394
lab*lab	0.7	0.638	-0.394

relative Natural Colour (NC)

lab*lab	0.7	0.638	-0.394
lab*lab	0.7	0.638	-0.394
lab*lab	0.7	0.638	-0.394
lab*lab	0.7	0.638	-0.394

standard and adapted CIELAB

LAB*Lab	57.3	94.33	-58.4
LAB*Lab	57.3	94.33	-58.4
LAB*Lab	57.3	94.33	-58.4
LAB*Lab	57.3	94.33	-58.4

relative CIELAB lab*

lab*lab	0.6	0.638	-0.394
lab*lab	0.6	0.638	-0.394
lab*lab	0.6	0.638	-0.394
lab*lab	0.6	0.638	-0.394

relative Natural Colour (NC)

lab*lab	0.6	0.638	-0.394
lab*lab	0.6	0.638	-0.394
lab*lab	0.6	0.638	-0.394
lab*lab	0.6	0.638	-0.394

standard and adapted CIELAB

LAB*Lab	42.98	70.75	-43.8
LAB*Lab	42.98	70.75	-43.8
LAB*Lab	42.98	70.75	-43.8
LAB*Lab	42.98	70.75	-43.8

relative CIELAB lab*

lab*lab	0.45	0.638	-0.394
lab*lab	0.45	0.638	-0.394
lab*lab	0.45	0.638	-0.394
lab*lab	0.45	0.638	-0.394

relative Natural Colour (NC)

lab*lab	0.45	0.638	-0.394
lab*lab	0.45	0.638	-0.394
lab*lab	0.45	0.638	-0.394
lab*lab	0.45	0.638	-0.394

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

$n^* = 7.25$

$n^* = 7.50$

$n^* = 7.75$

$n^* = 8.00$

$n^* = 8.25$

$n^* = 8.50$

$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

$n^* = 11.25$

$n^* = 11.50$

$n^* = 11.75$

$n^* = 12.00$

$n^* = 12.25$

$n^* = 12.50$

$n^* = 12.75$

$n^* = 13.00$

$n^* = 13.25$

$n^* = 13.50$

$n^* = 13.75$

$n^* = 14.00$

$n^* = 14.25$

$n^* = 14.50$

$n^* = 14.75$

$n^* = 15.00$

$n^* = 15.25$

$n^* = 15.50$

$n^* = 15.75$

$n^* = 16.00$

$n^* = 16.25$

$n^* = 16.50$

$n^* = 16.75$

$n^* = 17.00$

$n^* = 17.25$

$n^* = 17.50$

$n^* = 17.75$

$n^* = 18.00$

$n^* = 18.25$

$n^* = 18.50$

$n^* = 18.75$

$n^* = 19.00$

$n^* = 19.25$

$n^* = 19.50$

$n^* = 19.75$

$n^* = 20.00$

$n^* = 20.25$

$n^* = 20.50$

$n^* = 20.75$

$n^* = 21.00$

C	M	Y	O	L	V
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Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 92/360 = 0.256$

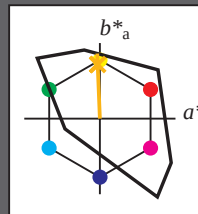
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*LABb	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)	1.0	0.0	0.0	
lab*trj	0.0	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*	0.0	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	71.57	0.0	0.0	
LAB*LABa	71.57	0.0	0.0	
LAB*LABb	75.00	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)	0.75	0.0	0.0	
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*	0.25	0.25	0.25	(1.0)
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	47.72	0.0	0.0	
LAB*LABa	47.72	0.0	0.0	
LAB*LABb	50.00	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)	0.25	0.0	0.0	
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*	0.25	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)
LAB*LAB	23.87	0.0	0.0	
LAB*LABa	23.87	0.0	0.0	
LAB*LABb	25.00	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)	0.25	0.0	0.0	
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)
LAB*LAB	0.03	0.0	0.0	
LAB*LABa	0.03	0.0	0.0	
LAB*LABb	0.00	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	1.0	0.0	0.0	
relative Natural Colour (NC)	0.0	0.0	0.0	
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*	1.0	0.956	0.75	(1.0)
cmyn3*	0.0	0.044	0.25	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	92.86	-0.87	21.53	
LAB*LABa	92.86	-0.87	21.53	
LAB*LABb	97.5	21.54	92.33	

relative CIELAB lab*

lab*lab	0.956	0.025	0.256	
lab*ch	0.875	0.25	0.256	
lab*nch	0.0	0.25	0.256	
relative Natural Colour (NC)	0.956	0.25	0.256	
lab*trj	0.956	0.25	0.256	
lab*trc	0.875	0.25	0.256	
lab*ncc	0.0	0.25	0.256	

relative Inform. Technology (IT)

olvi3*	0.75	0.706	0.5	(1.0)
cmyn3*	0.25	0.254	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	69.01	-0.86	21.53	
LAB*LABa	69.01	-0.86	21.53	
LAB*LABb	62.5	21.55	92.31	

relative CIELAB lab*

lab*lab	0.75	0.025	0.256	
lab*ch	0.625	0.25	0.256	
lab*nch	0.0	0.25	0.256	
relative Natural Colour (NC)	0.75	0.25	0.256	
lab*trj	0.75	0.25	0.256	
lab*trc	0.625	0.25	0.256	
lab*ncc	0.0	0.25	0.256	

relative Inform. Technology (IT)

olvi3*	0.25	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*LABb	37.5	21.55	92.31	

relative CIELAB lab*

lab*lab	0.473	0.029	0.256	
lab*ch	0.375	0.25	0.256	
lab*nch	0.0	0.25	0.256	
relative Natural Colour (NC)	0.473	0.25	0.256	
lab*trj	0.473	0.25	0.256	
lab*trc	0.375	0.25	0.256	
lab*ncc	0.0	0.25	0.256	

relative Inform. Technology (IT)

olvi3*	0.25	0.588	0.1	(1.0)
cmyn3*	0.75	0.794	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	21.31	-0.86	21.52	
LAB*LABa	21.31	-0.86	21.52	
LAB*LABb	12.5	21.54	92.31	

relative CIELAB lab*

lab*lab	0.223	-0.009	0.25	
lab*ch	0.125	0.25	0.256	
lab*nch	0.0	0.25	0.256	
relative Natural Colour (NC)	0.223	0.25	0.256	
lab*trj	0.223	0.25	0.256	
lab*trc	0.125	0.25	0.256	
lab*ncc	0.0	0.25	0.256	

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)
LAB*LAB	0.0	0.0	0.0	
LAB*LABa	0.0	0.0	0.0	
LAB*LABb	0.0	0.0	0.0	

$n^* = 0.50$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)

olvi3*	1.0	0.912	0.5	(1.0)
cmyn3*	0.0	0.088	0.5	(0.0)
olvi4*	1.0	0.912	0.5	(1.0)
cmyn4*	0.0	0.088	0.5	(0.0)
LAB*LAB	90.31	-1.74	43.06	
LAB*LABa	90.31	-1.74	43.06	
LAB*LABb	75.0	43.09	92.32	

relative CIELAB lab*

lab*lab	0.947	-0.019	0.499	
lab*ch	0.75	0.5	0.256	
lab*nch	0.0	0.5	0.256	
relative Natural Colour (NC)	0.947	0.5	0.256	
lab*trj	0.947	0.5	0.256	
lab*trc	0.75	0.5	0.256	
lab*ncc	0.0	0.5	0.256	

relative Inform. Technology (IT)

olvi3*	0.75	0.618	0.0	(1.0)
cmyn3*	0.25	0.338	0.75	(0.0)
olvi4*	1.0	0.912	0.5	(1.0)
cmyn4*	0.0	0.088	0.5	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*LABb	50.0	43.1	92.31	

relative CIELAB lab*

lab*lab	0.697	-0.019	0.5	
lab*ch	0.5	0.5	0.256	
lab*nch	0.0	0.5	0.256	
relative Natural Colour (NC)	0.697	0.5	0.256	
lab*trj	0.697	0.5	0.256	
lab*trc	0.5	0.5	0.256	
lab*ncc	0.0	0.5	0.256	

relative Inform. Technology (IT)

olvi3*	0.5	0.412	0.0	(1.0)
cmyn3*	0.5	0.588	1.0	(0.0)
olvi4*	1.0	0.912	0.5	(1.0)
cmyn4*	0.0	0.088	0.5	(0.0)
LAB*LAB	42.62	-1.73	43.06	
LAB*LABa	42.62	-1.73	43.06	
LAB*LABb	25.01	43.09	92.31	

relative CIELAB lab*

lab*lab	0.447	-0.019	0.499	
lab*ch	0.25	0.5	0.256	
lab*nch	0.0	0.5	0.256	
relative Natural Colour (NC)	0.447	0.5	0.256	
lab*trj	0.447	0.5	0.256	
lab*trc	0.25	0.5	0.256	
lab*ncc	0.0	0.5	0.256	

relative Inform. Technology (IT)

olvi3*	0.25	0.588	0.1	(1.0)
cmyn3*	0.75	0.794	0.75	(0.0)
olvi4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	21.31	-0.86	21.52	
LAB*LABa	21.31	-0.86	21.52	
LAB*LABb	12.5	21.54	92.31	

relative CIELAB lab*

lab*lab	0.223	-0.009	0.25	
lab*ch	0.125	0.25	0.256	
lab*nch	0.0	0.25	0.256	
relative Natural Colour (NC)	0.223	0.25	0.256	
lab*trj	0.223	0.25	0.256	
lab*trc	0.125	0.25	0.256	
lab*ncc	0.0	0.25	0.256	

$n^* = 0.25$

relative Inform. Technology (IT)

olvi3*	1.0	0.868	0.25	(1.0)
cmyn3*	0.0	0.132	0.25	(0.0)
olvi4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	87.76	-2.61	64.59	
LAB*LABa	87.76	-2.61	64.59	
LAB*LABb	62.5	64.64	92.32	

relative CIELAB lab*

lab*lab	0.625	0.75	0.256	
lab*ch	0.625	0.75	0.256	
lab*nch	0.0	0.75	0.256	
relative Natural Colour (NC)	0.625	0.75	0.256	
lab*trj	0.625	0.75	0.256	
lab*trc	0.625	0.75	0.256	
lab*ncc	0.0	0.75	0.256	

relative Inform. Technology (IT)				
olvi3*	0.75	0.618	0.0	(1.0)
cmyn3*	0.25	0.382	1.0	(0.0)
olvi4*	1.0	0.868	0.25	0.75
cmyn4*	0.0	0.132	0.75	0.25
standard and adapted CIELAB				
LAB*LAB	63.92	-2.6	64.59	
LAB*LABa	63.92	-2.6	64.59	
LAB*TCRa	37.51	64.64	92.31	
relative CIELAB Lab*				

1,00
ative Buntheit c^*

1,00
ative Buntheit c^*

