

**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

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

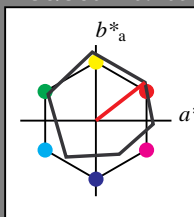
$lab^*ch$  und  $lab^*nch$

D50: Buntton O

LCH\*Ma: 48 82 38

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	95.46	-0.39	4.69
LAB*LAB	95.46	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
olv3*	1.0	0.75	0.75	1.0
cmv3*	0.0	0.25	0.25	0.0
standard and adapted CIELAB	LAB*LAB	83.58	16.02	16.54
LAB*LAB	83.58	16.26	12.63	37.84
LAB*LAB	87.5	20.59	37.84	

relative Inform. Technology (IT)

obv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
olv3*	1.0	0.5	0.5	1.0
cmv3*	0.0	0.5	0.5	0.0
standard and adapted CIELAB	LAB*LAB	71.7	32.45	28.38
LAB*LAB	71.7	32.52	25.26	37.84
LAB*LAB	75.0	41.18	37.84	

relative Inform. Technology (IT)

obv3*	1.0	0.25	0.25	(1.0)
cmv3*	0.0	0.75	0.75	(0.0)
olv3*	1.0	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
standard and adapted CIELAB	LAB*LAB	59.82	48.88	40.22
LAB*LAB	59.82	48.78	37.19	37.84
LAB*LAB	62.5	41.18	37.84	

relative Inform. Technology (IT)

obv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	0.0	0.0	1.0
cmv3*	0.5	0.5	0.5	0.0
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.0	(1.0)
cmv3*	0.25	1.0	1.0	(0.0)
olv3*	0.75	0.0	0.0	1.0
cmv3*	0.25	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(1.0)
olv3*	1.0	1.0	1.0	0.5
cmv3*	0.5	0.5	0.5	0.5
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	0.25
cmv3*	0.75	0.75	0.75	0.25
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.75	1.0	1.0	(0.0)
olv3*	1.0	0.0	0.0	1.0
cmv3*	0.75	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

**ORS18; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.05	50.54	82.38	38
Y <sub>Ma</sub>	91.0	-4.72	90.58	90.7	93
L <sub>Ma</sub>	50.9	-63.18	34.98	72.22	151
C <sub>Ma</sub>	56.99	-39.34	-48.1	62.16	231
V <sub>Ma</sub>	25.72	30.89	-44.4	54.09	305
M <sub>Ma</sub>	49.99	75.76	-4.64	75.9	356
N <sub>Ma</sub>	18.09	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.46	0.0	0.0	0.0	0
RC <sub>IE</sub>	41.88	61.66	30.69	68.88	26
J <sub>CIE</sub>	81.97	2.02	67.79	67.82	88
G <sub>CIE</sub>	51.62	-41.32	9.74	42.46	167
B <sub>CIE</sub>	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

**Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 38/360 = 0.107$

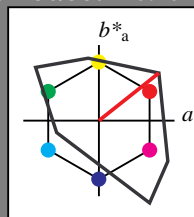
$lab^*ch$  und  $lab^*nch$

D50: Buntton O

LCH\*Ma: 54 101 38

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 156$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	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	0.0
LAB*LAB	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
olv3*	1.0	0.75	0.75	1.0
cmv3*	0.0	0.25	0.25	0.0
standard and adapted CIELAB	LAB*LAB	82.92	19.6	15.55
LAB*LAB	82.92	19.6	15.55	37.84
LAB*LAB	87.5	25.32	38.44	

relative Inform. Technology (IT)

obv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
olv3*	1.0	0.5	0.5	1.0
cmv3*	0.0	0.5	0.5	0.0
standard and adapted CIELAB	LAB*LAB	71.7	32.45	28.38
LAB*LAB	71.7	32.52	25.26	37.84
LAB*LAB	75.0	41.18	37.84	

relative Inform. Technology (IT)

obv3*	1.0	0.25	0.25	(1.0)
cmv3*	0.0	0.75	0.75	(0.0)
olv3*	1.0	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
standard and adapted CIELAB	LAB*LAB	59.82	48.88	40.22
LAB*LAB	59.82	48.78	37.19	37.84
LAB*LAB	62.5	41.18	37.84	

relative Inform. Technology (IT)

obv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	0.0	0.0	1.0
cmv3*	0.5	0.5	0.5	0.0
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.0	(1.0)
cmv3*	0.25	1.0	1.0	(0.0)
olv3*	0.75	0.0	0.0	1.0
cmv3*	0.25	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(1.0)
olv3*	1.0	1.0	1.0	0.5
cmv3*	0.5	0.5	0.5	0.5
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	0.25
cmv3*	0.75	0.75	0.75	0.25
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.75	1.0	1.0	(0.0)
olv3*	1.0	0.0	0.0	1.0
cmv3*	0.75	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.04	50.53	37.84
LAB*LAB	50.0	82.36	37.84	

**%Regularität**

$g^*_{H,rel}$	65
$g^*_{C,rel}$	60
$n^*$	0.00
$n^*$	0.25
$n^*$	0.50
$n^*$	0.75
$n^*$	1.00

**%Regularität**

$g^*_{H,rel}$	26
$g^*_{C,rel}$	45
$n^*$	0.00
$n^*$	0.25
$n^*$	0.50
$n^*$	0.75
$n^*$	1.00

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.107 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmv0^* setcmykcolor$

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output:  $no change compared to input$

Siehe ähnliche Dateien: <http://www.ps.bam.de/QG50/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=0.0

BAM-Registrierung: 20060101-QG50/10Q/Q50G00NP.PS/.PDF BAM-Material: Code=ha4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen  
 /QG50 Form 1/10, Serie 1/1, Seite: 1  
 Seitenzahl 1





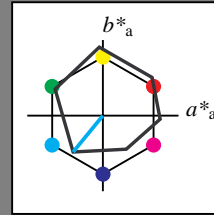
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 231/360 = 0.641$

$lab^*tch$  und  $lab^*nch$

D50: Buntton C  
LCH\*Ma: 57 62 231  
olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

ORS18; adaptierte CIELAB-Daten

Table of ORS18 data with columns L\*Ma, a\*Ma, b\*Ma, C\*Ma, h\*Ma. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

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relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

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relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

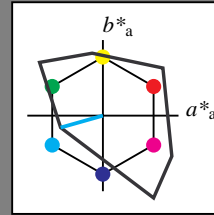
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 196/360 = 0.544$

$lab^*tch$  und  $lab^*nch$

D50: Buntton C  
LCH\*Ma: 85 58 196  
olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

TLS00; adaptierte CIELAB-Daten

Table of TLS00 data with columns L\*Ma, a\*Ma, b\*Ma, C\*Ma, h\*Ma. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

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relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

relative Inform. Technology (IT) table with columns for obv3\*, cmv3\*, olv3\*, and standard and adapted CIELAB values for LAB\*LAB, LAB\*LAB, LAB\*LAB, LAB\*LAB.

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 231/360 = 0.641 (links)

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.544 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmv0^* setcmykcolor$

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input



**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

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

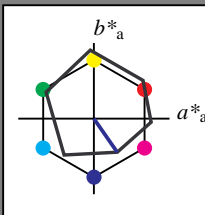
$lab^*ch$  und  $lab^*nch$

D50: Buntton V

LCH\*Ma: 26 54 305

olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)

ohv1*	1.0	1.0	1.0	(1.0)
ohv2*	0.0	0.0	0.0	(0.0)
ohv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.46	-0.39	4.69
LAB*LAB	95.46	0.0	0.0
LAB*TCRa	99.99	0.01	0.0

relative Inform. Technology (IT)

ohv1*	0.75	0.75	1.0	(1.0)
ohv2*	0.25	0.25	0.0	(0.0)
ohv3*	0.75	0.75	1.0	1.0
ohv4*	0.75	0.75	1.0	1.0
ohv5*	0.25	0.25	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	78.02	7.56	-7.55
LAB*LAB	78.02	7.56	-7.55
LAB*TCRa	87.5	13.52	30.82

relative Inform. Technology (IT)

ohv1*	0.5	0.5	1.0	(1.0)
ohv2*	0.5	0.5	0.0	(0.0)
ohv3*	0.5	0.5	1.0	1.0
ohv4*	0.5	0.5	1.0	1.0
ohv5*	0.5	0.5	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	60.59	15.52	-19.82
LAB*LAB	60.59	15.52	-19.82
LAB*TCRa	75.0	27.04	30.82

relative Inform. Technology (IT)

ohv1*	0.25	0.25	1.0	(1.0)
ohv2*	0.75	0.75	0.0	(0.0)
ohv3*	0.25	0.25	1.0	1.0
ohv4*	0.25	0.25	1.0	1.0
ohv5*	0.75	0.75	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	43.15	23.48	-32.08
LAB*LAB	43.15	23.48	-32.08
LAB*TCRa	62.5	40.56	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	1.0	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.75	0.75	0.75	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.12	-0.12	3.4
LAB*LAB	76.12	0.0	0.0
LAB*TCRa	75.0	0.01	0.0

relative Inform. Technology (IT)

ohv1*	0.75	0.75	0.75	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	0.75	0.75	1.0	1.0
ohv4*	0.75	0.75	1.0	1.0
ohv5*	0.25	0.25	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	58.68	7.83	-8.85
LAB*LAB	58.68	7.83	-8.85
LAB*TCRa	62.5	13.52	30.82

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.75	(1.0)
ohv2*	0.5	0.5	0.25	(0.0)
ohv3*	0.5	0.5	1.0	1.0
ohv4*	0.5	0.5	1.0	1.0
ohv5*	0.5	0.5	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	43.15	23.48	-32.08
LAB*LAB	43.15	23.48	-32.08
LAB*TCRa	62.5	40.56	30.82

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.25	(0.0)
ohv3*	0.25	0.25	1.0	1.0
ohv4*	0.25	0.25	1.0	1.0
ohv5*	0.75	0.75	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	1.0	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(0.0)
ohv2*	1.0	1.0	1.0	1.0
ohv3*	0.5	0.5	1.0	1.0
ohv4*	0.5	0.5	1.0	1.0
ohv5*	0.5	0.5	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.78	0.13	2.11
LAB*LAB	56.78	0.0	0.0
LAB*TCRa	50.0	0.01	0.0

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(0.0)
ohv2*	0.75	0.75	0.25	(0.0)
ohv3*	0.5	0.5	1.0	1.0
ohv4*	0.5	0.5	1.0	1.0
ohv5*	0.5	0.5	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	39.2	8.1	-10.14
LAB*LAB	39.2	8.1	-10.14
LAB*TCRa	37.5	13.52	30.82

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.25	(0.0)
ohv3*	0.25	0.25	1.0	1.0
ohv4*	0.25	0.25	1.0	1.0
ohv5*	0.75	0.75	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	0.75	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	1.0	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.25	(0.0)
ohv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.16	26.37	0.832
LAB*LAB	37.16	26.37	0.832
LAB*TCRa	25.0	0.01	0.0

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.25	(0.0)
ohv3*	0.25	0.25	1.0	1.0
ohv4*	0.25	0.25	1.0	1.0
ohv5*	0.75	0.75	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	39.2	8.1	-10.14
LAB*LAB	39.2	8.1	-10.14
LAB*TCRa	37.5	13.52	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	0.5	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	0.75	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	1.0	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.25	(0.0)
ohv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.16	26.37	0.832
LAB*LAB	37.16	26.37	0.832
LAB*TCRa	25.0	0.01	0.0

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.25	(0.0)
ohv3*	0.25	0.25	1.0	1.0
ohv4*	0.25	0.25	1.0	1.0
ohv5*	0.75	0.75	0.0	0.0
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	39.2	8.1	-10.14
LAB*LAB	39.2	8.1	-10.14
LAB*TCRa	37.5	13.52	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	0.5	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	0.75	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.75	31.44	-44.34
LAB*LAB	25.75	31.44	-44.34
LAB*TCRa	50.0	54.08	30.82

relative Inform. Technology (IT)

ohv1*	0.0	0.0	1.0	(1.0)
ohv2*	0.625	0.75	0.847	
ohv3*	0.0	0.0	1.0	1.0
ohv4*	0.0	0.0	1.0	1.0
ohv5*	0.625	0.75	0.847	
ohv6*	0.0	0.0	0.0	0.0

standard and

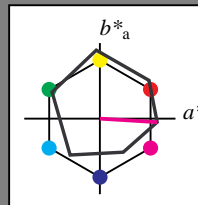
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 356/360 = 0.99$

$lab^*ch$  und  $lab^*nch$

D50: Buntton M  
 LCH\*Ma: 50 76 356  
 olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	95.46	-0.39	6.69
LAB*LAB	95.46	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
olv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	84.09	18.69	2.78
LAB*LAB	84.09	18.69	-1.15	1.15
LAB*LAB	87.5	18.97	356.49	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	72.72	37.79	0.86
LAB*LAB	72.72	37.79	-2.31	2.31
LAB*LAB	75.0	37.94	356.49	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
olv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	61.35	56.88	-1.05
LAB*LAB	61.35	56.88	-3.48	3.48
LAB*LAB	62.5	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	49.99	75.79	-2.97
LAB*LAB	49.99	75.79	-4.64	4.64
LAB*LAB	50.0	75.89	356.49	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.25	1.0	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.25	1.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	42.02	57.15	-3.34
LAB*LAB	42.02	57.15	-3.48	3.48
LAB*LAB	37.51	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	38.28	57.15	-3.34
LAB*LAB	38.28	57.15	-3.48	3.48
LAB*LAB	37.51	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	32.52	57.15	-3.34
LAB*LAB	32.52	57.15	-3.48	3.48
LAB*LAB	37.51	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	29.39	45.58	-26.83
LAB*LAB	29.39	45.58	-26.83	26.83
LAB*LAB	25.01	52.9	329.5	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.1	0.0	0.46
LAB*LAB	18.1	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.05	50.54	82.38	38
Y <sub>Ma</sub>	91.0	-4.72	90.58	90.7	93
L <sub>Ma</sub>	50.9	-63.18	34.98	72.22	151
C <sub>Ma</sub>	56.99	-39.34	-48.1	62.16	231
V <sub>Ma</sub>	25.72	30.89	-44.4	54.09	305
M <sub>Ma</sub>	49.99	75.76	-4.64	75.9	356
N <sub>Ma</sub>	18.09	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

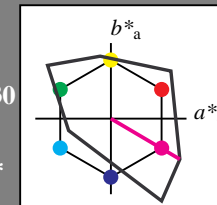
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 330/360 = 0.915$

$lab^*ch$  und  $lab^*nch$

D50: Buntton M  
 LCH\*Ma: 59 106 330  
 olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 156$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	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	0.0
LAB*LAB	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
olv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	86.24	22.79	-13.41
LAB*LAB	86.24	22.79	-13.41	13.41
LAB*LAB	87.5	26.44	329.5	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
olv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	71.57	37.79	0.86
LAB*LAB	71.57	37.79	-2.31	2.31
LAB*LAB	75.0	37.94	356.49	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
olv3*	1.0	0.25	1.0	(1.0)
cmv3*	0.0	0.75	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	61.35	56.88	-1.05
LAB*LAB	61.35	56.88	-3.48	3.48
LAB*LAB	62.5	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	49.99	75.79	-2.97
LAB*LAB	49.99	75.79	-4.64	4.64
LAB*LAB	50.0	75.89	356.49	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.25	1.0	0.0	(0.0)
olv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.25	1.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	42.02	57.15	-3.34
LAB*LAB	42.02	57.15	-3.48	3.48
LAB*LAB	37.51	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	38.28	57.15	-3.34
LAB*LAB	38.28	57.15	-3.48	3.48
LAB*LAB	37.51	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	32.52	57.15	-3.34
LAB*LAB	32.52	57.15	-3.48	3.48
LAB*LAB	37.51	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	29.39	45.58	-26.83
LAB*LAB	29.39	45.58	-26.83	26.83
LAB*LAB	25.01	52.9	329.5	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.1	0.0	0.46
LAB*LAB	18.1	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	37.25	57.15	-3.34
LAB*LAB	37.25	57.15	-3.48	3.48
LAB*LAB	37.51	56.92	356.49	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.1	0.0	0.46
LAB*LAB	18.1	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.1	0.0	0.46
LAB*LAB	18.1	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.1	0.0	0.46
LAB*LAB	18.1	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.1	0.0	0.46
LAB*LAB	18.1	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

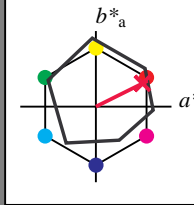
obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.1	0.0	0.46
LAB*LAB	18.1	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 26/360 = 0.074$   
 $lab^*ch$  und  $lab^*nch$

D50: Buntton R  
 LCH\*Ma: 49 76 26  
 olv\*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit  $t^*$



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.05	50.54	82.38	98
Y <sub>Ma</sub>	91.0	-4.72	90.58	90.7	93
L <sub>Ma</sub>	50.9	-63.18	34.98	72.22	151
C <sub>Ma</sub>	56.99	-39.34	-48.1	62.16	231
V <sub>Ma</sub>	25.72	30.89	-44.4	54.09	305
M <sub>Ma</sub>	49.99	75.76	-4.64	75.9	356
N <sub>Ma</sub>	18.09	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

relative Inform. Technology (IT)

ohv1*	1.0	1.0	1.0	(1.0)
ohv2*	0.0	0.0	0.0	(0.0)
ohv3*	1.0	1.0	1.0	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	0.0	0.0	0.0	(0.0)
ohv6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.46	-0.39	4.69
LAB*LAB	95.46	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative Inform. Technology (IT)

ohv1*	1.0	0.75	0.825	(1.0)
ohv2*	0.0	0.25	0.175	(0.0)
ohv3*	1.0	0.75	0.825	(1.0)
ohv4*	0.0	0.25	0.175	(0.0)
ohv5*	0.0	0.25	0.175	(0.0)
ohv6*	0.0	0.25	0.175	(0.0)

standard and adapted CIELAB

LAB*LAB	83.73	16.82	12.41
LAB*LAB	83.73	17.06	8.49
LAB*LAB	87.5	19.06	26.46

relative Inform. Technology (IT)

ohv1*	1.0	0.5	0.65	(1.0)
ohv2*	0.0	0.5	0.35	(0.0)
ohv3*	1.0	0.5	0.65	(1.0)
ohv4*	0.0	0.5	0.35	(0.0)
ohv5*	0.0	0.5	0.35	(0.0)
ohv6*	0.0	0.5	0.35	(0.0)

standard and adapted CIELAB

LAB*LAB	72.0	34.05	20.12
LAB*LAB	72.0	34.13	16.99
LAB*LAB	75.0	38.12	26.46

relative Inform. Technology (IT)

ohv1*	1.0	0.25	0.475	(1.0)
ohv2*	0.0	0.75	0.525	(0.0)
ohv3*	1.0	0.25	0.475	(1.0)
ohv4*	0.0	0.75	0.525	(0.0)
ohv5*	0.0	0.75	0.525	(0.0)
ohv6*	0.0	0.75	0.525	(0.0)

standard and adapted CIELAB

LAB*LAB	60.28	51.28	27.84
LAB*LAB	60.28	51.19	25.48
LAB*LAB	62.5	57.18	26.46

relative Inform. Technology (IT)

ohv1*	1.0	0.0	0.3	(1.0)
ohv2*	0.0	1.0	0.7	(0.0)
ohv3*	1.0	0.0	0.3	(1.0)
ohv4*	0.0	1.0	0.7	(0.0)
ohv5*	0.0	1.0	0.7	(0.0)
ohv6*	0.0	1.0	0.7	(0.0)

standard and adapted CIELAB

LAB*LAB	48.56	68.25	33.98
LAB*LAB	48.56	68.25	33.98
LAB*LAB	50.0	76.24	26.47

relative Inform. Technology (IT)

ohv1*	1.0	0.0	0.5	(1.0)
ohv2*	0.0	0.5	0.5	(0.0)
ohv3*	1.0	0.0	0.5	(1.0)
ohv4*	0.0	0.5	0.5	(0.0)
ohv5*	0.0	0.5	0.5	(0.0)
ohv6*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(0.0)
ohv2*	0.5	0.5	0.5	(0.0)
ohv3*	0.5	0.5	0.5	(0.0)
ohv4*	0.5	0.5	0.5	(0.0)
ohv5*	0.5	0.5	0.5	(0.0)
ohv6*	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.75	(0.0)
ohv3*	0.25	0.25	0.25	(1.0)
ohv4*	0.75	0.75	0.75	(0.0)
ohv5*	0.25	0.25	0.25	(1.0)
ohv6*	0.25	0.25	0.25	(1.0)

standard and adapted CIELAB

LAB*LAB	37.61	20.38	10.46
LAB*LAB	37.61	20.38	10.46
LAB*LAB	37.5	22.9	27.17

relative Inform. Technology (IT)

ohv1*	0.75	0.0	0.386	(1.0)
ohv2*	0.25	0.75	0.614	(0.0)
ohv3*	0.75	0.0	0.386	(1.0)
ohv4*	0.25	0.75	0.614	(0.0)
ohv5*	0.25	0.75	0.614	(0.0)
ohv6*	0.25	0.75	0.614	(0.0)

standard and adapted CIELAB

LAB*LAB	65.11	61.12	31.37
LAB*LAB	65.11	61.12	31.37
LAB*LAB	62.5	68.7	27.17

relative Inform. Technology (IT)

ohv1*	1.0	0.0	0.181	(1.0)
ohv2*	0.0	1.0	0.819	(0.0)
ohv3*	1.0	0.0	0.181	(1.0)
ohv4*	0.0	1.0	0.819	(0.0)
ohv5*	0.0	1.0	0.819	(0.0)
ohv6*	0.0	1.0	0.819	(0.0)

standard and adapted CIELAB

LAB*LAB	55.02	81.49	41.83
LAB*LAB	55.02	81.49	41.83
LAB*LAB	50.0	91.6	27.17

relative Inform. Technology (IT)

ohv1*	0.75	0.75	0.75	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	0.75	0.75	0.75	(1.0)
ohv4*	0.25	0.25	0.25	(0.0)
ohv5*	0.0	0.0	0.0	(0.0)
ohv6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	76.12	-0.12	3.4
LAB*LAB	76.12	0.0	0.0
LAB*LAB	75.0	0.01	0.0

relative Inform. Technology (IT)

ohv1*	0.75	0.5	0.575	(1.0)
ohv2*	0.25	0.5	0.425	(0.0)
ohv3*	0.75	0.5	0.575	(1.0)
ohv4*	0.25	0.5	0.425	(0.0)
ohv5*	0.0	0.0	0.0	(0.0)
ohv6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	64.39	17.1	11.12
LAB*LAB	64.39	17.07	8.5
LAB*LAB	62.5	19.06	26.46

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(1.0)
ohv2*	0.5	0.5	0.5	(1.0)
ohv3*	0.5	0.5	0.5	(1.0)
ohv4*	0.5	0.5	0.5	(1.0)
ohv5*	0.5	0.5	0.5	(1.0)
ohv6*	0.5	0.5	0.5	(1.0)

standard and adapted CIELAB

LAB*LAB	52.67	34.32	18.84
LAB*LAB	52.67	34.13	16.99
LAB*LAB	50.0	38.12	26.46

relative Inform. Technology (IT)

ohv1*	0.548	0.671	0.334	(1.0)
ohv2*	0.625	0.75	0.074	(0.0)
ohv3*	0.548	0.671	0.334	(1.0)
ohv4*	0.625	0.75	0.074	(0.0)
ohv5*	0.625	0.75	0.074	(0.0)
ohv6*	0.625	0.75	0.074	(0.0)

standard and adapted CIELAB

LAB*LAB	48.56	68.25	33.98
LAB*LAB	48.56	68.25	33.98
LAB*LAB	50.0	76.24	26.47

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.75	(0.0)
ohv3*	0.25	0.25	0.25	(1.0)
ohv4*	0.75	0.75	0.75	(0.0)
ohv5*	0.25	0.25	0.25	(1.0)
ohv6*	0.25	0.25	0.25	(1.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.75	(0.0)
ohv3*	0.25	0.25	0.25	(1.0)
ohv4*	0.75	0.75	0.75	(0.0)
ohv5*	0.25	0.25	0.25	(1.0)
ohv6*	0.25	0.25	0.25	(1.0)

standard and adapted CIELAB

LAB*LAB	37.61	20.38	10.46
LAB*LAB	37.61	20.38	10.46
LAB*LAB	37.5	22.9	27.17

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(1.0)
ohv2*	0.5	0.5	0.5	(1.0)
ohv3*	0.5	0.5	0.5	(1.0)
ohv4*	0.5	0.5	0.5	(1.0)
ohv5*	0.5	0.5	0.5	(1.0)
ohv6*	0.5	0.5	0.5	(1.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(1.0)
ohv2*	0.5	0.5	0.5	(1.0)
ohv3*	0.5	0.5	0.5	(1.0)
ohv4*	0.5	0.5	0.5	(1.0)
ohv5*	0.5	0.5	0.5	(1.0)
ohv6*	0.5	0.5	0.5	(1.0)

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.75	0.0	0.386	(1.0)
ohv2*	0.25	0.75	0.614	(0.0)
ohv3*	0.75	0.0	0.386	(1.0)
ohv4*	0.25	0.75	0.614	(0.0)
ohv5*	0.25	0.75	0.614	(0.0)
ohv6*	0.25	0.75	0.614	(0.0)

standard and adapted CIELAB

LAB*LAB	65.11	61.12	31.37
LAB*LAB	65.11	61.12	31.37
LAB*LAB	62.5	68.7	27.17

relative Inform. Technology (IT)

ohv1*	0.75	0.0	0.386	(1.0)
ohv2*	0.25	0.75	0.614	(0.0)
ohv3*	0.75	0.0	0.386	(1.0)
ohv4*	0.25	0.75	0.614	(0.0)
ohv5*	0.25	0.75	0.614	(0.0)
ohv6*	0.25	0.75	0.614	(0.0)

standard and adapted CIELAB

LAB*LAB	65.11	61.12	31.37
LAB*LAB	65.11	61.12	31.37
LAB*LAB	62.5	68.7	27.17

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.75	(0.0)
ohv3*	0.25	0.25	0.25	(1.0)
ohv4*	0.75	0.75	0.75	(0.0)
ohv5*	0.0	0.0	0.0	(0.0)
ohv6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.61	20.38	10.46
LAB*LAB	37.61	20.38	10.46
LAB*LAB	37.5	22.9	27.17

relative Inform. Technology (IT)

ohv1*	0.348	0.25	0.0	(1.0)
ohv2*	0.375	0.25	0.074	(0.0)
ohv3*	0.348	0.25	0.0	(1.0)
ohv4*	0.375	0.25	0.074	(0.0)
ohv5*	0.348	0.25	0.0	(1.0)
ohv6*	0.348	0.25	0.0	(1.0)

standard and adapted CIELAB

LAB*LAB	45.05	36.36	9.83
LAB*LAB	45.05	36.36	9.83
LAB*LAB	37.5	19.06	26.46

relative Inform. Technology (IT)

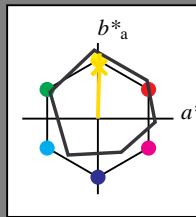
ohv1*	0.5	0.0	0.15	(1.0)
ohv2*	0.0	1.0	0.85	(0.0)
ohv3*	0.5	0.0	0.15	(1.0)
ohv4*	0.0	1.0	0.85	(0.0)
ohv5*	0.0	1.0	0.85	(0.0)
ohv6*	0.0	1.0	0.	

**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 88/360 = 0.245$   
 $lab^*ch$  und  $lab^*nch$

D50: Buntton J  
 LCH\*Ma: 86 86 88  
 olv\*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	95.46	-0.39	4.69
LAB*LAB	95.46	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	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*lrj	0.0	0.0	0.0
lab*lrj	0.0	0.0	0.0	1.0
lab*lrj	0.0	0.0	0.0	0.0
lab*lrj	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.974	0.75	(1.0)
cmv3*	0.0	0.026	0.25	(0.0)
olv3*	1.0	0.974	0.75	(1.0)
cmv3*	0.0	0.026	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	93.21	0.27	26.14
LAB*LAB	93.21	0.64	21.59	0.0
LAB*LAB	87.5	21.6	88.31	0.0

relative CIELAB lab\*

lab*lab	0.971	0.007	0.25	-
lab*ch	0.875	0.25	0.245	-
lab*nch	0.0	0.25	0.245	-
relative Natural Colour (NC)	lab*lrj	0.0	0.25	0.245
lab*lrj	0.971	0.0	0.25	0.245
lab*lrj	0.875	0.25	0.245	0.0
lab*lrj	0.0	0.25	0.245	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.948	0.5	(1.0)
cmv3*	0.0	0.052	0.5	(0.0)
olv3*	1.0	0.948	0.5	(1.0)
cmv3*	0.0	0.052	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	90.97	0.94	47.59
LAB*LAB	90.97	1.28	43.19	0.0
LAB*LAB	75.0	43.21	88.3	0.0

relative CIELAB lab\*

lab*lab	0.942	0.015	0.5	-
lab*ch	0.75	0.5	0.245	-
lab*nch	0.0	0.5	0.245	-
relative Natural Colour (NC)	lab*lrj	0.942	0.0	0.5
lab*lrj	0.942	0.0	0.5	0.0
lab*lrj	0.75	0.5	0.245	0.0
lab*lrj	0.0	0.5	0.245	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.921	0.25	(1.0)
cmv3*	0.0	0.079	0.25	(0.0)
olv3*	1.0	0.921	0.25	(1.0)
cmv3*	0.0	0.079	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	88.73	1.62	69.03
LAB*LAB	88.73	1.93	64.78	0.0
LAB*LAB	62.5	64.81	88.3	0.0

relative CIELAB lab\*

lab*lab	0.912	0.022	0.75	-
lab*ch	0.625	0.75	0.245	-
lab*nch	0.0	0.75	0.245	-
relative Natural Colour (NC)	lab*lrj	0.912	0.0	0.75
lab*lrj	0.912	0.0	0.75	0.0
lab*lrj	0.625	0.75	0.245	0.0
lab*lrj	0.0	0.75	0.245	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.895	0.0	(1.0)
cmv3*	0.0	0.105	0.0	(0.0)
olv3*	1.0	0.895	0.0	(1.0)
cmv3*	0.0	0.105	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	86.49	2.57	90.47
LAB*LAB	86.49	2.57	86.37	0.0
LAB*LAB	50.0	86.41	88.29	0.0

relative CIELAB lab\*

lab*lab	0.884	0.03	0.999	-
lab*ch	0.5	1.0	0.245	-
lab*nch	0.0	1.0	0.245	-
relative Natural Colour (NC)	lab*lrj	0.884	0.0	1.0
lab*lrj	0.884	0.0	1.0	0.0
lab*lrj	0.5	1.0	0.245	0.0
lab*lrj	0.0	1.0	0.245	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.877	0.0	(1.0)
cmv3*	0.0	0.137	0.0	(0.0)
olv3*	1.0	0.877	0.0	(1.0)
cmv3*	0.0	0.137	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	84.33	3.49	92.79
LAB*LAB	84.33	3.49	88.55	0.0
LAB*LAB	50.0	84.33	88.55	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	76.12	-0.12	3.4
LAB*LAB	76.12	0.0	0.0	0.0
LAB*LAB	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*lrj	0.75	0.0	0.0
lab*lrj	0.75	0.0	0.0	0.0
lab*lrj	0.75	0.0	0.0	0.0
lab*lrj	0.75	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.698	0.25	(1.0)
cmv3*	0.25	0.026	0.25	(0.0)
olv3*	1.0	0.974	0.75	(1.0)
cmv3*	0.0	0.026	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	73.87	0.54	24.86
LAB*LAB	73.87	0.64	21.6	0.0
LAB*LAB	62.5	21.61	88.29	0.0

relative CIELAB lab\*

lab*lab	0.721	0.0	0.25	-
lab*ch	0.625	0.25	0.245	-
lab*nch	0.0	0.25	0.245	-
relative Natural Colour (NC)	lab*lrj	0.721	0.0	0.25
lab*lrj	0.721	0.0	0.25	0.0
lab*lrj	0.625	0.25	0.245	0.0
lab*lrj	0.0	0.25	0.245	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.663	0.0	(1.0)
cmv3*	0.25	0.039	0.0	(0.0)
olv3*	1.0	0.948	0.5	(1.0)
cmv3*	0.0	0.079	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	71.63	1.29	43.19
LAB*LAB	71.63	1.29	43.19	0.0
LAB*LAB	50.0	43.21	88.29	0.0

relative CIELAB lab\*

lab*lab	0.692	0.015	0.5	-
lab*ch	0.5	0.5	0.245	-
lab*nch	0.0	0.5	0.245	-
relative Natural Colour (NC)	lab*lrj	0.692	0.0	0.5
lab*lrj	0.692	0.0	0.5	0.0
lab*lrj	0.5	0.5	0.245	0.0
lab*lrj	0.0	0.5	0.245	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.671	0.0	(1.0)
cmv3*	0.25	0.039	0.0	(0.0)
olv3*	1.0	0.921	0.25	(1.0)
cmv3*	0.0	0.079	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	69.39	1.93	64.78
LAB*LAB	69.39	1.93	64.78	0.0
LAB*LAB	37.51	64.81	88.29	0.0

relative CIELAB lab\*

lab*lab	0.663	0.022	0.75	-
lab*ch	0.375	0.75	0.245	-
lab*nch	0.0	0.75	0.245	-
relative Natural Colour (NC)	lab*lrj	0.663	0.0	0.75
lab*lrj	0.663	0.0	0.75	0.0
lab*lrj	0.375	0.75	0.245	0.0
lab*lrj	0.0	0.75	0.245	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.637	0.0	(1.0)
cmv3*	0.25	0.052	0.0	(0.0)
olv3*	1.0	0.895	0.0	(1.0)
cmv3*	0.0	0.105	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	67.18	1.0	39.6
LAB*LAB	67.18	1.0	39.6	0.0
LAB*LAB	50.0	39.61	88.55	0.0

relative CIELAB lab\*

lab*lab	0.625	0.013	0.5	-
lab*ch	0.5	0.5	0.245	-
lab*nch	0.0	0.5	0.245	-
relative Natural Colour (NC)	lab*lrj	0.625	0.0	0.5
lab*lrj	0.625	0.0	0.5	0.0
lab*lrj	0.5	0.5	0.245	0.0
lab*lrj	0.0	0.5	0.245	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.625	0.0	(1.0)
cmv3*	0.25	0.037	0.0	(0.0)
olv3*	1.0	0.913	0.5	(1.0)
cmv3*	0.0	0.087	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	65.99	1.5	59.39
LAB*LAB	65.99	1.5	59.39	0.0
LAB*LAB	50.0	59.41	88.56	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.78	0.13	2.11
LAB*LAB	56.78	0.0	0.0	0.0
LAB*LAB	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*lrj	0.5	0.0	0.0
lab*lrj	0.5	0.0	0.0	0.0
lab*lrj	0.5	0.0	0.0	0.0
lab*lrj	0.5	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.526	0.75	(0.0)
cmv3*	1.0	0.974	0.75	(1.0)
olv3*	0.0	0.026	0.25	(0.0)
cmv3*	0.0	0.026	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	54.53	0.8	73.57
LAB*LAB	54.53	0.64	21.6	0.0
LAB*LAB	37.5	21.61	88.29	0.0

relative CIELAB lab\*

lab*lab	0.471	0.007	0.25	-
lab*ch	0.375	0.25	0.245	-
lab*nch	0.0	0.25	0.245	-
relative Natural Colour (NC)	lab*lrj	0.471	0.0	0.25
lab*lrj	0.471	0.0	0.25	0.0
lab*lrj	0.375	0.25	0.245	0.0
lab*lrj	0.0	0.25	0.245	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.448	0.0	(1.0)
cmv3*	0.5	0.552	1.0	(0.0)
olv3*	1.0	0.948	0.5	(1.0)
cmv3*	0.0	0.052	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	52.29	1.49	45.0
LAB*LAB	52.29	1.49	45.0	0.0
LAB*LAB	25.01	43.2	88.29	0.0

relative CIELAB lab\*

lab*lab	0.442	0.015	0.5	-
lab*ch	0.25	0.5	0.245	-
lab*nch	0.0	0.5	0.245	-
relative Natural Colour (NC)	lab*lrj	0.442	0.0	0.5
lab*lrj	0.442	0.0	0.5	0.0
lab*lrj	0.25	0.5	0.245	0.0
lab*lrj	0.0	0.5	0.245	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.413	0.0	(1.0)
cmv3*	0.5	0.587	1.0	(0.0)
olv3*	1.0	0.913	0.5	(1.0)
cmv3*	0.0	0.087	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	50.0	0.13	2.11
LAB*LAB	50.0	0.0	0.0	0.0
LAB*LAB	50.0	0.01	-	-

relative CIELAB lab\*

lab*lab	0.413	0.013	0.5	-
lab*ch	0.25	0.5	0.245	-
lab*nch	0.0	0.5	0.245	-
relative Natural Colour (NC)	lab*lrj	0.413	0.0	0.5
lab*lrj	0.413	0.0	0.5	0.0
lab*lrj	0.25	0.5	0.245	0.0
lab*lrj	0.0	0.5	0.245	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.375	0.0	(1.0)
cmv3*	0.5	0.637	0.25	(0.0)
olv3*	1.0	0.877	0.0	(1.0)
cmv3*	0.0	0.137	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	48.33	2.0	79.18

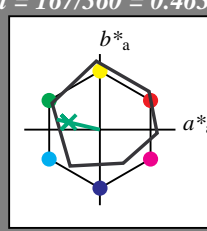


### Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 167/360 = 0.463$   
 $lab^*ch$  und  $lab^*nch$

D50: Buntton G  
LCH\*Ma: 52 59 167  
olv\*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	95.46	-0.39	4.69
LAB*LAB	95.46	0.0	0.0	0.0
LAB*LAB	99.99	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	1.0	0.815	(1.0)
cmv3*	0.25	0.0	0.185	(0.0)
olv3*	0.75	1.0	0.815	1.0
cmv3*	0.25	0.0	0.185	0.0
standard and adapted CIELAB	LAB*LAB	84.71	-14.49	7.34
LAB*LAB	84.71	-14.24	3.36	0.0
LAB*LAB	87.5	-14.64	166.74	0.0

relative Inform. Technology (IT)

obv3*	0.5	1.0	0.63	(1.0)
cmv3*	0.5	0.0	0.37	(0.0)
olv3*	0.5	1.0	0.63	1.0
cmv3*	0.5	0.0	0.37	0.0
standard and adapted CIELAB	LAB*LAB	73.97	-28.49	9.98
LAB*LAB	73.97	-28.49	6.72	0.0
LAB*LAB	75.0	29.28	166.74	0.0

relative Inform. Technology (IT)

obv3*	0.25	1.0	0.448	(1.0)
cmv3*	0.75	0.0	0.552	(0.0)
olv3*	0.25	1.0	0.448	1.0
cmv3*	0.75	0.0	0.552	0.0
standard and adapted CIELAB	LAB*LAB	63.25	-42.69	12.63
LAB*LAB	63.25	-42.74	10.08	0.0
LAB*LAB	62.5	43.92	166.74	0.0

relative Inform. Technology (IT)

obv3*	0.0	1.0	0.259	(1.0)
cmv3*	1.0	0.0	0.741	(0.0)
olv3*	0.0	1.0	0.259	1.0
cmv3*	1.0	0.0	0.741	0.0
standard and adapted CIELAB	LAB*LAB	52.48	-56.79	15.28
LAB*LAB	52.48	-56.99	13.44	0.0
LAB*LAB	50.0	58.56	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.75	0.38	(1.0)
cmv3*	0.75	0.25	0.62	(0.0)
olv3*	0.0	0.75	0.38	1.0
cmv3*	0.75	0.25	0.62	0.0
standard and adapted CIELAB	LAB*LAB	43.88	-42.43	11.35
LAB*LAB	43.89	-42.74	10.99	0.0
LAB*LAB	37.51	43.93	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.5	0.3	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	0.0	0.5	0.3	1.0
cmv3*	0.5	0.5	0.5	0.0
standard and adapted CIELAB	LAB*LAB	44.92	-16.76	4.7
LAB*LAB	44.92	-16.76	4.7	0.0
LAB*LAB	37.5	17.41	164.35	0.0

relative Inform. Technology (IT)

obv3*	0.25	1.0	0.5	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
olv3*	0.25	1.0	0.5	1.0
cmv3*	0.75	0.25	0.75	0.0
standard and adapted CIELAB	LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	76.12	-0.12	3.4
LAB*LAB	76.12	0.0	0.0	0.0
LAB*LAB	75.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.61	1.0	0.61	(1.0)
cmv3*	0.39	0.0	0.39	(0.0)
olv3*	0.61	1.0	0.61	1.0
cmv3*	0.39	0.0	0.39	0.0
standard and adapted CIELAB	LAB*LAB	65.37	-14.23	6.05
LAB*LAB	65.37	-14.23	3.36	0.0
LAB*LAB	62.5	14.64	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.75	0.38	(1.0)
cmv3*	0.25	0.25	0.62	(0.0)
olv3*	0.5	0.75	0.38	1.0
cmv3*	0.25	0.25	0.62	0.0
standard and adapted CIELAB	LAB*LAB	54.63	-28.49	6.72
LAB*LAB	54.63	-28.49	6.72	0.0
LAB*LAB	50.0	29.29	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.38	(1.0)
cmv3*	0.75	0.25	0.62	(0.0)
olv3*	0.25	0.75	0.38	1.0
cmv3*	0.75	0.25	0.62	0.0
standard and adapted CIELAB	LAB*LAB	46.03	-13.96	4.76
LAB*LAB	46.03	-14.24	3.36	0.0
LAB*LAB	37.5	14.64	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.5	0.3	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	0.0	0.5	0.3	1.0
cmv3*	0.5	0.5	0.5	0.0
standard and adapted CIELAB	LAB*LAB	43.88	-42.43	11.35
LAB*LAB	43.89	-42.74	10.99	0.0
LAB*LAB	37.51	43.93	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	0.0	0.25	0.25	1.0
cmv3*	0.75	0.75	0.75	0.0
standard and adapted CIELAB	LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

#### ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.05	50.54	82.38	38
Y <sub>Ma</sub>	91.0	-4.72	90.58	90.7	93
L <sub>Ma</sub>	50.9	-63.18	34.98	72.22	151
C <sub>Ma</sub>	56.99	-39.34	-48.1	62.16	231
V <sub>Ma</sub>	25.72	30.89	-44.4	54.09	305
M <sub>Ma</sub>	49.99	75.76	-4.64	75.9	356
N <sub>Ma</sub>	18.09	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

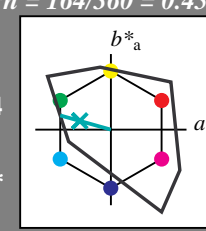
%Regularität  
 $g^*_{H,rel} = 65$   
 $g^*_{C,rel} = 60$

### Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D50: Buntton G  
LCH\*Ma: 84 70 164  
olv\*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 156$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	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	0.0
LAB*LAB	99.99	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	1.0	0.9	(1.0)
cmv3*	0.25	0.0	0.1	(0.0)
olv3*	0.75	1.0	0.9	1.0
cmv3*	0.25	0.0	0.1	0.0
standard and adapted CIELAB	LAB*LAB	92.61	-16.75	4.69
LAB*LAB	92.61	-16.75	4.69	0.0
LAB*LAB	87.5	17.4	164.36	0.0

relative Inform. Technology (IT)

obv3*	0.5	1.0	0.63	(1.0)
cmv3*	0.5	0.0	0.37	(0.0)
olv3*	0.5	1.0	0.63	1.0
cmv3*	0.5	0.0	0.37	0.0
standard and adapted CIELAB	LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LAB	75.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	1.0	0.448	(1.0)
cmv3*	0.75	0.0	0.552	(0.0)
olv3*	0.25	1.0	0.448	1.0
cmv3*	0.75	0.0	0.552	0.0
standard and adapted CIELAB	LAB*LAB	63.25	-42.69	12.63
LAB*LAB	63.25	-42.74	10.08	0.0
LAB*LAB	62.5	43.92	166.74	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.75	0.38	(1.0)
cmv3*	0.75	0.25	0.62	(0.0)
olv3*	0.0	0.75	0.38	1.0
cmv3*	0.75	0.25	0.62	0.0
standard and adapted CIELAB	LAB*LAB	52.48	-56.79	15.28
LAB*LAB	52.48	-56.99	13.44	0.0
LAB*LAB	50.0	58.56	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	76.12	-0.12	3.4
LAB*LAB	76.12	0.0	0.0	0.0
LAB*LAB	75.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.61	1.0	0.61	(1.0)
cmv3*	0.39	0.0	0.39	(0.0)
olv3*	0.61	1.0	0.61	1.0
cmv3*	0.39	0.0	0.39	0.0
standard and adapted CIELAB	LAB*LAB	65.37	-14.23	6.05
LAB*LAB	65.37	-14.23	3.36	0.0
LAB*LAB	62.5	14.64	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.75	0.38	(1.0)
cmv3*	0.25	0.25	0.62	(0.0)
olv3*	0.5	0.75	0.38	1.0
cmv3*	0.25	0.25	0.62	0.0
standard and adapted CIELAB	LAB*LAB	54.63	-28.49	6.72
LAB*LAB	54.63	-28.49	6.72	0.0
LAB*LAB	50.0	29.29	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.38	(1.0)
cmv3*	0.75	0.25	0.62	(0.0)
olv3*	0.25	0.75	0.38	1.0
cmv3*	0.75	0.25	0.62	0.0
standard and adapted CIELAB	LAB*LAB	46.03	-13.96	4.76
LAB*LAB	46.03	-14.24	3.36	0.0
LAB*LAB	37.5	14.64	166.73	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.5	0.3	(1.0)
cmv3*	0.5	0.5		

