

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

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

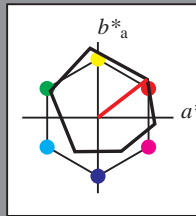
$lab^*ch$  und  $lab^*nch$

D50: Buntton 0

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)			
ohv1*	1.0	1.0	1.0
ohv2*	0.0	0.0	0.0
ohv3*	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	95.41	-0.98	47.5
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative Inform. Technology (IT)			
ohv1*	1.0	0.75	0.75
ohv2*	0.0	0.25	0.25
ohv3*	1.0	0.75	0.75
ohv4*	1.0	0.75	0.75
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nc	0.0	0.0	1.0

relative Inform. Technology (IT)			
ohv1*	0.75	0.75	0.75
ohv2*	0.25	0.25	0.25
ohv3*	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	75.00	0.01	0.0

relative Inform. Technology (IT)			
ohv1*	0.75	0.5	0.5
ohv2*	0.25	0.25	0.25
ohv3*	1.0	0.75	0.75
ohv4*	1.0	0.75	0.75
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.75	0.0
lab*nc	0.25	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	0.5	0.5	0.5
ohv2*	0.5	0.5	0.5
ohv3*	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	56.71	-0.24	2.14
LAB*LAB	56.71	0.0	0.0
LAB*LAB	55.00	0.01	0.0

relative Inform. Technology (IT)			
ohv1*	0.5	0.25	0.25
ohv2*	0.25	0.25	0.25
ohv3*	1.0	0.75	0.75
ohv4*	1.0	0.75	0.75
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	0.5	0.0	0.0
lab*ch	0.0	0.5	0.0
lab*nc	0.25	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	0.25	0.25	0.25
ohv2*	0.75	0.75	0.75
ohv3*	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	37.36	0.10	0.83
LAB*LAB	37.36	0.0	0.0
LAB*LAB	35.00	0.01	0.0

relative Inform. Technology (IT)			
ohv1*	0.25	0.0	0.0
ohv2*	0.75	0.25	0.25
ohv3*	1.0	0.75	0.75
ohv4*	1.0	0.75	0.75
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	0.25	0.0	0.0
lab*ch	0.0	0.25	0.0
lab*nc	0.75	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	0.25	0.0	0.0
ohv2*	0.75	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	25.00	0.00	0.00
LAB*LAB	25.00	0.00	0.00
LAB*LAB	25.00	0.01	0.00

relative Inform. Technology (IT)			
ohv1*	0.25	0.0	0.0
ohv2*	0.5	0.25	0.25
ohv3*	1.0	0.5	0.5
ohv4*	1.0	0.5	0.5
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	0.25	0.0	0.0
lab*ch	0.0	0.25	0.0
lab*nc	0.75	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	0.0	0.0	0.0
ohv2*	0.75	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	18.02	0.03	0.47
LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.00	0.01	0.00

relative Inform. Technology (IT)			
ohv1*	0.0	0.25	0.25
ohv2*	0.75	0.25	0.25
ohv3*	1.0	0.5	0.5
ohv4*	1.0	0.5	0.5
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	0.0	0.25	0.0
lab*ch	0.0	0.25	0.0
lab*nc	0.75	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	0.0	0.0	0.0
ohv2*	0.5	0.25	0.25
ohv3*	1.0	0.5	0.5
ohv4*	1.0	0.5	0.5
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	0.0	0.5	0.0
lab*ch	0.0	0.5	0.0
lab*nc	0.5	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	0.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	12.5	0.05	0.36
LAB*LAB	12.5	0.0	0.0
LAB*LAB	12.5	0.01	0.00

relative Inform. Technology (IT)			
ohv1*	0.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	9.00	0.00	0.00
LAB*LAB	9.00	0.00	0.00
LAB*LAB	9.00	0.00	0.00

relative Inform. Technology (IT)			
ohv1*	0.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nc	0.5	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	0.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	6.00	0.00	0.00
LAB*LAB	6.00	0.00	0.00
LAB*LAB	6.00	0.00	0.00

relative Inform. Technology (IT)			
ohv1*	0.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nc	0.5	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	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
RC <sub>IE</sub>	39.92	58.66	26.98	64.57	25
J <sub>CIE</sub>	81.26	-2.16	67.76	67.79	92
G <sub>CIE</sub>	52.23	-42.25	11.76	43.87	164
B <sub>CIE</sub>	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)			
ohv1*	1.0	0.5	0.5
ohv2*	0.0	0.5	0.5
ohv3*	1.0	0.5	0.5
ohv4*	1.0	0.5	0.5
ohv5*	0.0	0.5	0.5
ohv6*	0.0	0.5	0.5
standard and adapted CIELAB			
LAB*LAB	71.67	32.69	28.41
LAB*LAB	71.67	32.69	28.41
LAB*LAB	75.00	41.31	37.69

relative Inform. Technology (IT)			
ohv1*	1.0	0.25	0.25
ohv2*	0.0	0.25	0.25
ohv3*	1.0	0.25	0.25
ohv4*	1.0	0.25	0.25
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nc	0.0	0.0	1.0

relative Inform. Technology (IT)			
ohv1*	1.0	0.25	0.25
ohv2*	0.0	0.25	0.25
ohv3*	1.0	0.25	0.25
ohv4*	1.0	0.25	0.25
ohv5*	0.0	0.25	0.25
ohv6*	0.0	0.25	0.25
relative Natural Colour (NC)			
lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.75	0.0
lab*nc	0.25	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	1.0	0.0	0.0
ohv2*	0.25	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
standard and adapted CIELAB			
LAB*LAB	59.8	48.73	40.24
LAB*LAB	59.8	48.73	40.24
LAB*LAB	62.5	61.96	37.69

relative Inform. Technology (IT)			
ohv1*	1.0	0.0	0.0
ohv2*	0.25	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*lab	0.5	0.0	0.0
lab*ch	0.0	0.5	0.0
lab*nc	0.25	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	1.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*lab	0.5	0.0	0.0
lab*ch	0.0	0.5	0.0
lab*nc	0.25	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	1.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0	0.0	0.0
ohv4*	1.0	0.0	0.0
ohv5*	0.0	0.0	0.0
ohv6*	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*lab	0.5	0.0	0.0
lab*ch	0.0	0.5	0.0
lab*nc	0.25	0.0	0.0

relative Inform. Technology (IT)			
ohv1*	1.0	0.0	0.0
ohv2*	0.5	0.0	0.0
ohv3*	1.0		

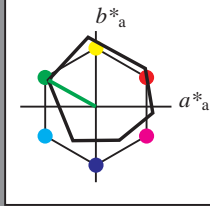


### Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

D50: Buntton L  
LCH\*Ma: 51 72 151  
olv\*Ma: 0.0 1.0 0.0

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	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

### %Regularität

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

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

relative Inform. Technology (IT)  
obv1\* 1.0 1.0 1.0 (1.0)  
cmv1\* 0.0 0.0 0.0 (0.0)  
obv4\* 1.0 1.0 1.0 1.0  
cmv4\* 0.0 0.0 0.0 0.0  
standard and adapted CIELAB  
LAB\*LAB 95.41 -0.98 47.5  
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 0.0 -

relative Inform. Technology (IT)  
obv1\* 0.75 1.0 0.75 (1.0)  
cmv1\* 0.25 0.0 0.25 (0.0)  
obv4\* 0.75 1.0 0.75 1.0  
cmv4\* 0.25 0.0 0.25 0.0  
standard and adapted CIELAB  
LAB\*LAB 84.28 -16.47 12.74  
LAB\*LAB 84.28 -15.69 8.74  
LAB\*LAB 87.5 17.97 15.91

relative Inform. Technology (IT)  
obv1\* 0.5 1.0 0.5 (1.0)  
cmv1\* 0.5 0.0 0.5 (0.0)  
obv4\* 0.5 1.0 0.5 1.0  
cmv4\* 0.5 0.0 0.5 0.0  
standard and adapted CIELAB  
LAB\*LAB 73.15 -31.4 17.48  
LAB\*LAB 73.15 -31.4 17.48  
LAB\*LAB 75.0 35.95 15.91

relative Inform. Technology (IT)  
obv1\* 0.25 1.0 0.25 (1.0)  
cmv1\* 0.75 0.0 0.75 (0.0)  
obv4\* 0.25 1.0 0.25 1.0  
cmv4\* 0.75 0.0 0.75 0.0  
standard and adapted CIELAB  
LAB\*LAB 62.02 -47.46 28.72  
LAB\*LAB 62.02 -47.11 26.21  
LAB\*LAB 62.5 53.92 15.91

relative Inform. Technology (IT)  
obv1\* 0.0 1.0 0.0 (1.0)  
cmv1\* 1.0 0.0 1.0 (0.0)  
obv4\* 0.0 1.0 0.0 1.0  
cmv4\* 1.0 0.0 1.0 0.0  
standard and adapted CIELAB  
LAB\*LAB 50.9 -62.95 36.7  
LAB\*LAB 50.9 -62.81 34.95  
LAB\*LAB 50.0 71.89 15.91

relative Inform. Technology (IT)  
obv1\* 0.5 0.5 0.5 (0.0)  
cmv1\* 1.0 1.0 1.0 0.5  
obv4\* 0.5 0.5 0.5 0.5  
cmv4\* 0.5 0.5 0.5 0.5  
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)  
obv1\* 0.75 0.75 0.75 (1.0)  
cmv1\* 0.25 0.25 0.25 (0.0)  
obv4\* 1.0 1.0 1.0 0.75  
cmv4\* 0.0 0.0 0.0 0.25  
standard and adapted CIELAB  
LAB\*LAB 76.06 -0.61 3.44  
LAB\*LAB 76.06 0.0 0.0  
LAB\*LAB 75.0 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.5 0.75 0.5 (1.0)  
cmv1\* 0.5 0.25 0.5 (0.0)  
obv4\* 0.75 1.0 0.75 0.75  
cmv4\* 0.25 0.0 0.25 0.25  
standard and adapted CIELAB  
LAB\*LAB 64.93 -16.1 11.44  
LAB\*LAB 64.93 -15.7 8.74  
LAB\*LAB 62.5 17.98 15.91

relative Inform. Technology (IT)  
obv1\* 0.25 0.75 0.25 (1.0)  
cmv1\* 0.75 0.25 0.75 (0.0)  
obv4\* 0.5 1.0 0.5 0.75  
cmv4\* 0.5 0.0 0.5 0.25  
standard and adapted CIELAB  
LAB\*LAB 53.81 -31.4 17.48  
LAB\*LAB 53.81 -31.4 17.48  
LAB\*LAB 50.0 35.95 15.91

relative Inform. Technology (IT)  
obv1\* 0.5 0.75 0.5 (1.0)  
cmv1\* 0.5 0.25 0.5 (0.0)  
obv4\* 0.75 1.0 0.75 0.75  
cmv4\* 0.25 0.0 0.25 0.25  
standard and adapted CIELAB  
LAB\*LAB 45.58 -15.73 10.13  
LAB\*LAB 45.58 -15.7 8.74  
LAB\*LAB 42.5 17.98 15.91

relative Inform. Technology (IT)  
obv1\* 0.0 0.75 0.0 (1.0)  
cmv1\* 1.0 0.5 1.0 (0.0)  
obv4\* 0.0 1.0 0.0 0.75  
cmv4\* 1.0 0.5 1.0 0.25  
standard and adapted CIELAB  
LAB\*LAB 38.51 -53.92 15.91  
LAB\*LAB 38.51 -53.92 15.91  
LAB\*LAB 38.51 -53.92 15.91

relative Inform. Technology (IT)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.25 0.0 0.25 0.75  
standard and adapted CIELAB  
LAB\*LAB 44.76 -20.68 19.98  
LAB\*LAB 44.76 -20.68 19.98  
LAB\*LAB 50.0 28.76 13.601

relative Inform. Technology (IT)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.5  
cmv4\* 0.0 0.0 0.0 0.5  
standard and adapted CIELAB  
LAB\*LAB 56.71 -0.24 2.14  
LAB\*LAB 56.71 0.0 0.0  
LAB\*LAB 50.0 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.625 0.25 0.625 (1.0)  
cmv1\* 0.375 0.75 0.375 (0.0)  
obv4\* 0.75 1.0 0.75 0.5  
cmv4\* 0.25 0.0 0.25 0.25  
standard and adapted CIELAB  
LAB\*LAB 45.58 -15.73 10.13  
LAB\*LAB 45.58 -15.7 8.74  
LAB\*LAB 42.5 17.98 15.91

relative Inform. Technology (IT)  
obv1\* 0.0 0.5 0.0 (1.0)  
cmv1\* 1.0 0.5 1.0 (0.0)  
obv4\* 0.0 1.0 0.0 0.5  
cmv4\* 1.0 0.5 1.0 0.0  
standard and adapted CIELAB  
LAB\*LAB 34.46 -31.4 17.48  
LAB\*LAB 34.46 -31.4 17.48  
LAB\*LAB 37.51 53.92 15.91

relative Inform. Technology (IT)  
obv1\* 0.319 0.319 0.319 (1.0)  
cmv1\* 0.681 0.681 0.681 (0.0)  
obv4\* 0.319 0.319 0.319 0.319  
cmv4\* 0.681 0.681 0.681 0.681  
standard and adapted CIELAB  
LAB\*LAB 23.87 0.0 0.0  
LAB\*LAB 23.87 0.0 0.0  
LAB\*LAB 25.0 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.25 0.0 0.25 0.75  
standard and adapted CIELAB  
LAB\*LAB 42.5 0.25 0.25 (0.0)  
LAB\*LAB 42.5 0.25 0.25 (0.0)  
LAB\*LAB 50.0 0.0 0.0

relative Inform. Technology (IT)  
obv1\* 0.5 0.5 0.5 (1.0)  
cmv1\* 1.0 1.0 1.0 0.5  
obv4\* 0.5 0.5 0.5 0.5  
cmv4\* 0.5 0.5 0.5 0.5  
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)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.0 0.0 0.0 0.75  
standard and adapted CIELAB  
LAB\*LAB 37.51 53.92 15.91  
LAB\*LAB 37.51 53.92 15.91  
LAB\*LAB 37.51 53.92 15.91

relative Inform. Technology (IT)  
obv1\* 0.0 0.5 0.0 (1.0)  
cmv1\* 1.0 0.5 1.0 (0.0)  
obv4\* 0.0 1.0 0.0 0.5  
cmv4\* 1.0 0.5 1.0 0.0  
standard and adapted CIELAB  
LAB\*LAB 26.24 -18.69 8.74  
LAB\*LAB 26.24 -18.69 8.74  
LAB\*LAB 25.0 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 0.01 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 0.0 0.0 0.0  
LAB\*LAB 0.0 0.0 0.0  
LAB\*LAB 0.0 0.0 0.0

relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 0.0 0.0 0.0  
LAB\*LAB 0.0 0.0 0.0  
LAB\*LAB 0.0 0.0 0.0

relative Inform. Technology (IT)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.25 0.0 0.25 0.75  
standard and adapted CIELAB  
LAB\*LAB 42.5 0.25 0.25 (0.0)  
LAB\*LAB 42.5 0.25 0.25 (0.0)  
LAB\*LAB 50.0 0.0 0.0

relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 0.01 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 0.01 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 0.01 0.01 -

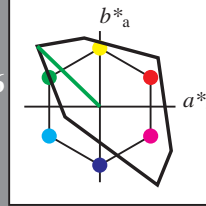
relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 0.01 0.01 -

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

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

D50: Buntton L  
LCH\*Ma: 84 115 136  
olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



### TLS00; adaptierte CIELAB-Daten

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

### %Regularität

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

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

relative Inform. Technology (IT)  
obv1\* 1.0 1.0 1.0 (1.0)  
cmv1\* 0.0 0.0 0.0 (0.0)  
obv4\* 1.0 1.0 1.0 1.0  
cmv4\* 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 99.99 0.01 0.0  
relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*ch 0.0 0.0 -

relative Inform. Technology (IT)  
obv1\* 0.75 1.0 0.75 (1.0)  
cmv1\* 0.25 0.0 0.25 (0.0)  
obv4\* 0.75 1.0 0.75 1.0  
cmv4\* 0.25 0.0 0.25 0.0  
standard and adapted CIELAB  
LAB\*LAB 84.28 -16.47 12.74  
LAB\*LAB 84.28 -15.69 8.74  
LAB\*LAB 87.5 17.97 15.91

relative Inform. Technology (IT)  
obv1\* 0.5 1.0 0.5 (1.0)  
cmv1\* 0.5 0.0 0.5 (0.0)  
obv4\* 0.5 1.0 0.5 1.0  
cmv4\* 0.5 0.0 0.5 0.0  
standard and adapted CIELAB  
LAB\*LAB 73.15 -31.4 17.48  
LAB\*LAB 73.15 -31.4 17.48  
LAB\*LAB 75.0 35.95 15.91

relative Inform. Technology (IT)  
obv1\* 0.25 1.0 0.25 (1.0)  
cmv1\* 0.75 0.0 0.75 (0.0)  
obv4\* 0.25 1.0 0.25 1.0  
cmv4\* 0.75 0.0 0.75 0.0  
standard and adapted CIELAB  
LAB\*LAB 62.02 -47.46 28.72  
LAB\*LAB 62.02 -47.11 26.21  
LAB\*LAB 62.5 53.92 15.91

relative Inform. Technology (IT)  
obv1\* 0.0 1.0 0.0 (1.0)  
cmv1\* 1.0 0.0 1.0 (0.0)  
obv4\* 0.0 1.0 0.0 1.0  
cmv4\* 1.0 0.0 1.0 0.0  
standard and adapted CIELAB  
LAB\*LAB 50.9 -62.95 36.7  
LAB\*LAB 50.9 -62.81 34.95  
LAB\*LAB 50.0 71.89 15.91

relative Inform. Technology (IT)  
obv1\* 0.75 0.75 0.75 (1.0)  
cmv1\* 0.25 0.25 0.25 (0.0)  
obv4\* 1.0 1.0 1.0 0.75  
cmv4\* 0.0 0.0 0.0 0.25  
standard and adapted CIELAB  
LAB\*LAB 76.06 -0.61 3.44  
LAB\*LAB 76.06 0.0 0.0  
LAB\*LAB 75.0 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.5 0.75 0.5 (1.0)  
cmv1\* 0.5 0.25 0.5 (0.0)  
obv4\* 0.75 1.0 0.75 0.75  
cmv4\* 0.25 0.0 0.25 0.25  
standard and adapted CIELAB  
LAB\*LAB 64.93 -16.1 11.44  
LAB\*LAB 64.93 -15.7 8.74  
LAB\*LAB 62.5 17.98 15.91

relative Inform. Technology (IT)  
obv1\* 0.25 0.75 0.25 (1.0)  
cmv1\* 0.75 0.25 0.75 (0.0)  
obv4\* 0.5 1.0 0.5 0.75  
cmv4\* 0.5 0.0 0.5 0.25  
standard and adapted CIELAB  
LAB\*LAB 53.81 -31.4 17.48  
LAB\*LAB 53.81 -31.4 17.48  
LAB\*LAB 50.0 35.95 15.91

relative Inform. Technology (IT)  
obv1\* 0.5 0.75 0.5 (1.0)  
cmv1\* 0.5 0.25 0.5 (0.0)  
obv4\* 0.75 1.0 0.75 0.75  
cmv4\* 0.25 0.0 0.25 0.25  
standard and adapted CIELAB  
LAB\*LAB 45.58 -15.73 10.13  
LAB\*LAB 45.58 -15.7 8.74  
LAB\*LAB 42.5 17.98 15.91

relative Inform. Technology (IT)  
obv1\* 0.0 0.75 0.0 (1.0)  
cmv1\* 1.0 0.5 1.0 (0.0)  
obv4\* 0.0 1.0 0.0 0.75  
cmv4\* 1.0 0.5 1.0 0.25  
standard and adapted CIELAB  
LAB\*LAB 38.51 -53.92 15.91  
LAB\*LAB 38.51 -53.92 15.91  
LAB\*LAB 38.51 -53.92 15.91

relative Inform. Technology (IT)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.25 0.0 0.25 0.75  
standard and adapted CIELAB  
LAB\*LAB 44.76 -20.68 19.98  
LAB\*LAB 44.76 -20.68 19.98  
LAB\*LAB 50.0 28.76 13.601

relative Inform. Technology (IT)  
obv1\* 0.5 0.5 0.5 (1.0)  
cmv1\* 1.0 1.0 1.0 0.5  
obv4\* 0.5 0.5 0.5 0.5  
cmv4\* 0.5 0.5 0.5 0.5  
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)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.25 0.0 0.25 0.75  
standard and adapted CIELAB  
LAB\*LAB 37.51 53.92 15.91  
LAB\*LAB 37.51 53.92 15.91  
LAB\*LAB 37.51 53.92 15.91

relative Inform. Technology (IT)  
obv1\* 0.0 0.5 0.0 (1.0)  
cmv1\* 1.0 0.5 1.0 (0.0)  
obv4\* 0.0 1.0 0.0 0.5  
cmv4\* 1.0 0.5 1.0 0.0  
standard and adapted CIELAB  
LAB\*LAB 26.24 -18.69 8.74  
LAB\*LAB 26.24 -18.69 8.74  
LAB\*LAB 25.0 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.0 0.0 0.0 (1.0)  
cmv1\* 1.0 1.0 1.0 (0.0)  
obv4\* 1.0 1.0 1.0 0.0  
cmv4\* 0.0 0.0 0.0 1.0  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LAB 0.01 0.01 -

relative Inform. Technology (IT)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.25 0.0 0.25 0.75  
standard and adapted CIELAB  
LAB\*LAB 42.5 0.25 0.25 (0.0)  
LAB\*LAB 42.5 0.25 0.25 (0.0)  
LAB\*LAB 50.0 0.0 0.0

relative Inform. Technology (IT)  
obv1\* 0.5 0.5 0.5 (1.0)  
cmv1\* 1.0 1.0 1.0 0.5  
obv4\* 0.5 0.5 0.5 0.5  
cmv4\* 0.5 0.5 0.5 0.5  
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)  
obv1\* 0.25 0.25 0.25 (1.0)  
cmv1\* 0.75 0.75 0.75 (0.0)  
obv4\* 1.0 1.0 1.0 0.25  
cmv4\* 0.25 0.0 0.25 0.75  
standard and adapted CIELAB  
LAB\*LAB 37.51 53.92 15.91  
LAB\*LAB 37.51 53.92 15.91  
LAB\*LAB 37.51 53.92 15.91

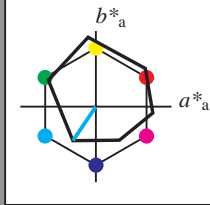
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

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

D50: Buntton C  
LCH\*Ma: 59 54 236  
olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT) table with columns for color names and values for various parameters like cmy0\* and cmyk0\*.

relative Inform. Technology (IT) table for standard and adapted CIELAB color spaces.

relative Inform. Technology (IT) table for standard and adapted CIELAB color spaces.

relative Inform. Technology (IT) table for standard and adapted CIELAB color spaces.

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relative Inform. Technology (IT) table for standard and adapted CIELAB color spaces.

relative Inform. Technology (IT) table for standard and adapted CIELAB color spaces.

relative Inform. Technology (IT) table for standard and adapted CIELAB color spaces.

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: cmy0\* setcmykcolor

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: cmy0\* / 000n\* setcmykcolor

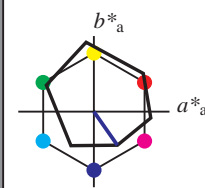


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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  $t^*$



ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

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	-0.98	47.5	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*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	0.75
cmv3*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	76.06	-0.61	3.44	0.0
LAB*LAB	76.06	0.0	0.0	0.0
LAB*LAB	75.0	0.01	-	-

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	55.0	0.01	-	-

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*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	37.15	0.23	0.83	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*LAB	25.0	0.01	-	-

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	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	0.01	0.01	-	-

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	0.75
cmv3*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	77.99	7.12	-7.51	0.0
LAB*LAB	77.99	7.77	-11.09	0.0
LAB*LAB	87.5	13.55	305.0	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*	1.0	1.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	58.64	7.49	-8.82	0.0
LAB*LAB	58.64	7.77	-11.09	0.0
LAB*LAB	62.5	13.55	305.0	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*	1.0	1.0	1.0	0.25
cmv3*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	39.27	7.52	-10.13	0.0
LAB*LAB	39.29	7.77	-11.09	0.0
LAB*LAB	37.5	13.55	305.0	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*	1.0	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	19.94	0.03	0.44	0.0
LAB*LAB	19.94	7.77	-11.09	0.0
LAB*LAB	12.5	13.55	305.0	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*	1.0	1.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	60.56	15.23	-19.79	0.0
LAB*LAB	60.56	15.55	-22.19	0.0
LAB*LAB	75.0	27.1	305.0	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*	1.0	1.0	1.0	0.25
cmv3*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	43.14	23.34	-32.07	0.0
LAB*LAB	43.14	23.32	-32.29	0.0
LAB*LAB	62.5	40.66	305.0	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*	1.0	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	23.87	15.27	32.7	0.0
LAB*LAB	23.87	15.27	32.7	0.0
LAB*LAB	37.51	40.66	305.0	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*	1.0	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408

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*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	43.14	23.34	-32.07	0.0
LAB*LAB	43.14	23.32	-32.29	0.0
LAB*LAB	62.5	40.66	305.0	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*	1.0	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408

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	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408

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	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408

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	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408

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	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408
LAB*LAB	0.0	0.0	0.287	-0.408

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	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*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	0.75
cmv3*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LAB	71.57	0.0	0.0	0.0
LAB*LAB	75.0	0.01	-	-

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	50.0	0.01	-	-

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*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	31.46	19.01	-25.89	0.0
LAB*LAB	31.46	19.01	-25.89	0.0
LAB*LAB	37.5	32.13	306.29	0.0

relative Inform. Technology (IT)

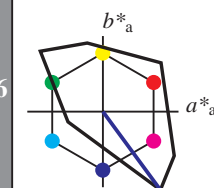
obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	0.0
cmv3*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.148	-0.2
LAB*LAB	0.0	0.0	0.148	-0.2
LAB*LAB	0.0	0.0	0.148	-0.2

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D50: Buntton V  
 LCH\*Ma: 30 129 306  
 olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



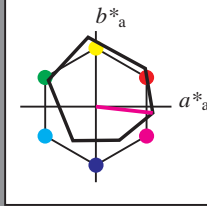
TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	50.5	76.92	64.55	100.42	40
Y <sub>Ma</sub>	92.66	-20.69	90.75	93.08	103
L <sub>Ma</sub>	83.63	-82.75	79.9	115.04	136
C <sub>Ma</sub>	86.88	-46.16	-13.55	48.12	196
V <sub>Ma</sub>	30.39	76.06	-103.59	128.52	306
M <sub>Ma</sub>	57.3	94.35	-58.41	110.97	328
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
RC <sub>IE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	7	

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

für Buntton  $h^* = lab^*h = 354/360 = 0.982$   
 $lab^*ch$  und  $lab^*nch$

D50: Buntton M  
 LCH\*Ma: 48 76 354  
 olv\*Ma: 1.0 0.0 1.0



%Umfang  
 $u^*_{rel} = 93$

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	-0.98	47.5	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	83.59	18.81	-2.08	0.0
LAB*LAB	87.5	18.93	353.66	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	71.77	37.63	-1.17	0.0
LAB*LAB	75.0	37.86	353.66	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	59.95	56.15	-3.9	0.0
LAB*LAB	59.95	56.15	6.26	0.0
LAB*LAB	62.5	56.8	353.66	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	1.0	0.0	0.0
olv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.5	0.0	0.0
olv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.25	0.0	0.0
olv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.25	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	1.0
cmv3*	0.0	0.25	0.25	0.0
olv3*	1.0	1.0	1.0	0.75
cmv3*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	76.06	-0.61	3.44	0.0
LAB*LAB	76.06	0.0	0.0	0.0
LAB*LAB	75.0	0.01	-	-

relative Inform. Technology (IT)

obv3*	0.75	0.5	0.75	1.0
cmv3*	0.0	0.25	0.25	0.0
olv3*	1.0	0.75	1.0	0.75
cmv3*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	64.24	18.43	0.56	0.0
LAB*LAB	64.24	18.82	-2.08	0.0
LAB*LAB	62.5	18.94	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.25	0.75	1.0
cmv3*	0.0	0.75	0.25	0.0
olv3*	1.0	0.25	1.0	0.75
cmv3*	0.0	0.75	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	52.42	37.48	-2.32	0.0
LAB*LAB	52.42	37.64	-1.17	0.0
LAB*LAB	50.0	37.87	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	1.0
cmv3*	0.0	1.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.75
cmv3*	0.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	1.0
cmv3*	0.0	0.5	0.0	0.0
olv3*	1.0	0.0	1.0	0.75
cmv3*	0.0	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	1.0
cmv3*	0.0	0.25	0.0	0.0
olv3*	1.0	0.0	1.0	0.75
cmv3*	0.0	0.25	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.75
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.75
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.75
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.0	0.75	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.75
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	1.0
cmv3*	0.0	0.5	0.0	0.0
olv3*	1.0	1.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	55.0	0.01	-	-

relative Inform. Technology (IT)

obv3*	0.5	0.25	0.5	1.0
cmv3*	0.0	0.75	0.25	0.0
olv3*	1.0	0.25	1.0	0.5
cmv3*	0.0	0.75	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	44.89	18.81	-0.74	0.0
LAB*LAB	44.89	18.82	-2.08	0.0
LAB*LAB	43.5	18.94	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	1.0
cmv3*	0.0	1.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.5
cmv3*	0.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	1.0
cmv3*	0.0	0.5	0.0	0.0
olv3*	1.0	0.0	1.0	0.5
cmv3*	0.0	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	1.0
cmv3*	0.0	0.25	0.0	0.0
olv3*	1.0	0.0	1.0	0.5
cmv3*	0.0	0.25	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.15	75.18	-6.79	0.0
LAB*LAB	48.15	75.26	-8.35	0.0
LAB*LAB	50.0	75.73	353.66	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.0	0.5	1.0
cmv3*	0.0	0.0	0.0	0.0
olv3*	1.0	0.0	1.0	0.5
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				

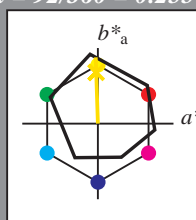


**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 92/360 = 0.255$   
 $lab^*ch$  und  $lab^*nch$

D50: Buntton J  
 LCH\*Ma: 86 88 92  
 olv\*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 93$

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	-0.98	47.5
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
olv3*	1.0	0.975	0.75	1.0
cmv3*	0.0	0.025	0.25	0.0

standard and adapted CIELAB

LAB*LAB	93.1	-1.64	26.52
LAB*LAB	93.1	0.0	21.92
LAB*LAB	97.5	21.93	91.85

relative Inform. Technology (IT)

obv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
olv3*	1.0	0.951	0.5	1.0
cmv3*	0.0	0.049	0.5	0.0

standard and adapted CIELAB

LAB*LAB	90.8	-2.3	48.29
LAB*LAB	90.8	-1.4	43.84
LAB*LAB	95.0	43.86	91.85

relative Inform. Technology (IT)

obv3*	1.0	0.926	0.25	(1.0)
cmv3*	0.0	0.074	0.25	(0.0)
olv3*	1.0	0.926	0.25	1.0
cmv3*	0.0	0.074	0.25	0.0

standard and adapted CIELAB

LAB*LAB	88.49	-2.96	70.05
LAB*LAB	88.49	-2.1	65.76
LAB*LAB	92.5	65.79	91.84

relative Inform. Technology (IT)

obv3*	1.0	0.901	0.0	(1.0)
cmv3*	0.0	0.099	0.0	(0.0)
olv3*	1.0	0.901	0.0	1.0
cmv3*	0.0	0.099	0.0	0.0

standard and adapted CIELAB

LAB*LAB	86.19	-3.62	91.81
LAB*LAB	86.19	-2.81	87.67
LAB*LAB	90.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	0.5
olv3*	0.5	0.5	0.5	0.5
cmv3*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.0	0.0	0.25

standard and adapted CIELAB

LAB*LAB	45.16	-0.86	21.53
LAB*LAB	45.16	-0.86	21.53
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.5	0.544	0.75	(0.0)
cmv3*	1.0	0.956	0.75	0.5
olv3*	0.5	0.544	0.75	0.5
cmv3*	0.0	0.044	0.25	0.5

standard and adapted CIELAB

LAB*LAB	49.01	-0.86	21.53
LAB*LAB	49.01	-0.86	21.53
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.5	0.588	1.0	(0.0)
olv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.088	0.5	0.5

standard and adapted CIELAB

LAB*LAB	43.75	0.25	25.26
LAB*LAB	43.75	0.25	25.26
LAB*LAB	50.0	87.72	91.84

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	0.0
cmv3*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0
LAB*LAB	50.0	87.72	91.84

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	0.75
cmv3*	0.0	0.0	0.0	0.75

standard and adapted CIELAB

LAB*LAB	37.36	-0.83	43.86
LAB*LAB	37.36	0.0	0.0
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.775	1.0	(0.0)
olv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.025	0.25	0.75

standard and adapted CIELAB

LAB*LAB	32.1	-1.5	45.67
LAB*LAB	32.1	-1.39	43.83
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.5	0.451	0.0	(1.0)
cmv3*	0.5	0.549	1.0	(0.0)
olv3*	0.5	0.451	0.0	1.0
cmv3*	0.0	0.049	0.5	0.5

standard and adapted CIELAB

LAB*LAB	32.1	-1.5	45.67
LAB*LAB	32.1	-1.39	43.83
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.775	1.0	(0.0)
olv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.025	0.25	0.75

standard and adapted CIELAB

LAB*LAB	32.1	-1.5	45.67
LAB*LAB	32.1	-1.39	43.83
LAB*LAB	50.0	87.72	91.84

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	0.0
cmv3*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0
LAB*LAB	50.0	87.72	91.84

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	0.0
cmv3*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.775	1.0	(0.0)
olv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.025	0.25	0.75

standard and adapted CIELAB

LAB*LAB	32.1	-1.5	45.67
LAB*LAB	32.1	-1.39	43.83
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.5	0.451	0.0	(1.0)
cmv3*	0.5	0.549	1.0	(0.0)
olv3*	0.5	0.451	0.0	1.0
cmv3*	0.0	0.049	0.5	0.5

standard and adapted CIELAB

LAB*LAB	32.1	-1.5	45.67
LAB*LAB	32.1	-1.39	43.83
LAB*LAB	50.0	87.72	91.84

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.775	1.0	(0.0)
olv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.025	0.25	0.75

standard and adapted CIELAB

LAB*LAB	32.1	-1.5	45.67
LAB*LAB	32.1	-1.39	43.83
LAB*LAB	50.0	87.72	91.84

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	0.0
cmv3*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0
LAB*LAB	50.0	87.72	91.84

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: *cmv0\* setcmvcolor*

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *cmv0\*/000n\* setcmvcolor*

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

BAM-Registrierung: 20060101-QG50/10L/L50G07FP.PS/.PDF BAM-Material: Code=thakta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen  
 /QG50/ Form 8/10, Serie: 1/1, Seite: 8  
 Seite: 8

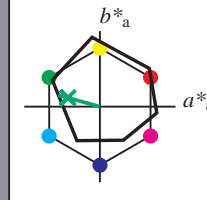


**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

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

D50: Buntton G  
 LCH\*Ma: 53 57 164  
 olv\*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 93$

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)
ohv7*	0.0	0.0	0.0	(0.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.0	0.0	0.0	(0.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.0	0.0	0.0	(0.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.0	0.0	0.0	(0.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.0	0.0	0.0	(0.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.0	0.0	0.0	(0.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	0.0	0.0	0.0	(0.0)
ohv20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

ohv1*	0.75	1.0	0.812	(1.0)
ohv2*	0.25	0.0	0.188	(0.0)
ohv3*	0.75	1.0	0.812	(1.0)
ohv4*	0.25	0.0	0.188	(0.0)
ohv5*	0.75	1.0	0.812	(1.0)
ohv6*	0.25	0.0	0.188	(0.0)
ohv7*	0.75	1.0	0.812	(1.0)
ohv8*	0.25	0.0	0.188	(0.0)
ohv9*	0.75	1.0	0.812	(1.0)
ohv10*	0.25	0.0	0.188	(0.0)
ohv11*	0.75	1.0	0.812	(1.0)
ohv12*	0.25	0.0	0.188	(0.0)
ohv13*	0.75	1.0	0.812	(1.0)
ohv14*	0.25	0.0	0.188	(0.0)
ohv15*	0.75	1.0	0.812	(1.0)
ohv16*	0.25	0.0	0.188	(0.0)
ohv17*	0.75	1.0	0.812	(1.0)
ohv18*	0.25	0.0	0.188	(0.0)
ohv19*	0.75	1.0	0.812	(1.0)
ohv20*	0.25	0.0	0.188	(0.0)

relative Inform. Technology (IT)

ohv1*	0.5	1.0	0.623	(1.0)
ohv2*	0.5	0.0	0.377	(0.0)
ohv3*	0.5	1.0	0.623	(1.0)
ohv4*	0.5	0.0	0.377	(0.0)
ohv5*	0.5	1.0	0.623	(1.0)
ohv6*	0.5	0.0	0.377	(0.0)
ohv7*	0.5	1.0	0.623	(1.0)
ohv8*	0.5	0.0	0.377	(0.0)
ohv9*	0.5	1.0	0.623	(1.0)
ohv10*	0.5	0.0	0.377	(0.0)
ohv11*	0.5	1.0	0.623	(1.0)
ohv12*	0.5	0.0	0.377	(0.0)
ohv13*	0.5	1.0	0.623	(1.0)
ohv14*	0.5	0.0	0.377	(0.0)
ohv15*	0.5	1.0	0.623	(1.0)
ohv16*	0.5	0.0	0.377	(0.0)
ohv17*	0.5	1.0	0.623	(1.0)
ohv18*	0.5	0.0	0.377	(0.0)
ohv19*	0.5	1.0	0.623	(1.0)
ohv20*	0.5	0.0	0.377	(0.0)

%Regularität

$g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 59$

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*	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)
ohv7*	0.0	0.0	0.0	(0.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.0	0.0	0.0	(0.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.0	0.0	0.0	(0.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.0	0.0	0.0	(0.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.0	0.0	0.0	(0.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.0	0.0	0.0	(0.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	0.0	0.0	0.0	(0.0)
ohv20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

ohv1*	0.5	0.75	0.562	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	0.5	0.75	0.562	(1.0)
ohv4*	0.25	0.25	0.25	(0.0)
ohv5*	0.5	0.75	0.562	(1.0)
ohv6*	0.25	0.25	0.25	(0.0)
ohv7*	0.5	0.75	0.562	(1.0)
ohv8*	0.25	0.25	0.25	(0.0)
ohv9*	0.5	0.75	0.562	(1.0)
ohv10*	0.25	0.25	0.25	(0.0)
ohv11*	0.5	0.75	0.562	(1.0)
ohv12*	0.25	0.25	0.25	(0.0)
ohv13*	0.5	0.75	0.562	(1.0)
ohv14*	0.25	0.25	0.25	(0.0)
ohv15*	0.5	0.75	0.562	(1.0)
ohv16*	0.25	0.25	0.25	(0.0)
ohv17*	0.5	0.75	0.562	(1.0)
ohv18*	0.25	0.25	0.25	(0.0)
ohv19*	0.5	0.75	0.562	(1.0)
ohv20*	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

ohv1*	0.25	1.0	0.246	(1.0)
ohv2*	0.75	0.0	0.754	(0.0)
ohv3*	0.25	1.0	0.246	(1.0)
ohv4*	0.75	0.0	0.754	(0.0)
ohv5*	0.25	1.0	0.246	(1.0)
ohv6*	0.75	0.0	0.754	(0.0)
ohv7*	0.25	1.0	0.246	(1.0)
ohv8*	0.75	0.0	0.754	(0.0)
ohv9*	0.25	1.0	0.246	(1.0)
ohv10*	0.75	0.0	0.754	(0.0)
ohv11*	0.25	1.0	0.246	(1.0)
ohv12*	0.75	0.0	0.754	(0.0)
ohv13*	0.25	1.0	0.246	(1.0)
ohv14*	0.75	0.0	0.754	(0.0)
ohv15*	0.25	1.0	0.246	(1.0)
ohv16*	0.75	0.0	0.754	(0.0)
ohv17*	0.25	1.0	0.246	(1.0)
ohv18*	0.75	0.0	0.754	(0.0)
ohv19*	0.25	1.0	0.246	(1.0)
ohv20*	0.75	0.0	0.754	(0.0)

relative Inform. Technology (IT)

ohv1*	0.0	1.0	0.0	(1.0)
ohv2*	1.0	0.0	0.0	(0.0)
ohv3*	0.0	1.0	0.0	(1.0)
ohv4*	1.0	0.0	0.0	(0.0)
ohv5*	0.0	1.0	0.0	(1.0)
ohv6*	1.0	0.0	0.0	(0.0)
ohv7*	0.0	1.0	0.0	(1.0)
ohv8*	1.0	0.0	0.0	(0.0)
ohv9*	0.0	1.0	0.0	(1.0)
ohv10*	1.0	0.0	0.0	(0.0)
ohv11*	0.0	1.0	0.0	(1.0)
ohv12*	1.0	0.0	0.0	(0.0)
ohv13*	0.0	1.0	0.0	(1.0)
ohv14*	1.0	0.0	0.0	(0.0)
ohv15*	0.0	1.0	0.0	(1.0)
ohv16*	1.0	0.0	0.0	(0.0)
ohv17*	0.0	1.0	0.0	(1.0)
ohv18*	1.0	0.0	0.0	(0.0)
ohv19*	0.0	1.0	0.0	(1.0)
ohv20*	1.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

ohv1*	0.0	0.75	0.25	(1.0)
ohv2*	0.25	0.0	0.75	(0.0)
ohv3*	0.0	0.75	0.25	(1.0)
ohv4*	0.25	0.0	0.75	(0.0)
ohv5*	0.0	0.75	0.25	(1.0)
ohv6*	0.25	0.0	0.75	(0.0)
ohv7*	0.0	0.75	0.25	(1.0)
ohv8*	0.25	0.0	0.75	(0.0)
ohv9*	0.0	0.75	0.25	(1.0)
ohv10*	0.25	0.0	0.75	(0.0)
ohv11*	0.0	0.75	0.25	(1.0)
ohv12*	0.25	0.0	0.75	(0.0)
ohv13*	0.0	0.75	0.25	(1.0)
ohv14*	0.25	0.0	0.75	(0.0)
ohv15*	0.0	0.75	0.25	(1.0)
ohv16*	0.25	0.0	0.75	(0.0)
ohv17*	0.0	0.75	0.25	(1.0)
ohv18*	0.25	0.0	0.75	(0.0)
ohv19*	0.0	0.75	0.25	(1.0)
ohv20*	0.25	0.0	0.75	(0.0)

relative Inform. Technology (IT)

ohv1*	0.0	0.5	0.5	(1.0)
ohv2*	0.5	0.0	0.5	(0.0)
ohv3*	0.0	0.5	0.5	(1.0)
ohv4*	0.5	0.0	0.5	(0.0)
ohv5*	0.0	0.5	0.5	(1.0)
ohv6*	0.5	0.0	0.5	(0.0)
ohv7*	0.0	0.5	0.5	(1.0)
ohv8*	0.5	0.0	0.5	(0.0)
ohv9*	0.0	0.5	0.5	(1.0)
ohv10*	0.5	0.0	0.5	(0.0)
ohv11*	0.0	0.5	0.5	(1.0)
ohv12*	0.5	0.0	0.5	(0.0)
ohv13*	0.0	0.5	0.5	(1.0)
ohv14*	0.5	0.0	0.5	(0.0)
ohv15*	0.0	0.5	0.5	(1.0)
ohv16*	0.5	0.0	0.5	(0.0)
ohv17*	0.0	0.5	0.5	(1.0)
ohv18*	0.5	0.0	0.5	(0.0)
ohv19*	0.0	0.5	0.5	(1.0)
ohv20*	0.5	0.0	0.5	(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*	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)
ohv7*	0.0	0.0	0.0	(0.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.0	0.0	0.0	(0.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.0	0.0	0.0	(0.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.0	0.0	0.0	(0.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.0	0.0	0.0	(0.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.0	0.0	0.0	(0.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	0.0	0.0	0.0	(0.0)
ohv20*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

ohv1*	0.0	0.25	0.0	(1.0)
ohv2*	0.25	0.0	0.0	(0.0)
ohv3*	0.0	0.25	0.0	(1.0)
ohv4*	0.25	0.0	0.0	(0.0)
ohv5*	0.0	0.25	0.0	(1.0)
ohv6*	0.25	0.0	0.0	(0.0)
ohv7*	0.0	0.25	0.0	(1.0)
ohv8*	0.25	0.0	0.0	(0.0)
ohv9*	0.0	0.25	0.0	(1.0)
ohv10*	0.25	0.0	0.0	(0.0)
ohv11*	0.0	0.25	0.0	(1.0)
ohv12*	0.25	0.0	0.0	(0.0)
ohv13*	0.0	0.25	0.0	(1.0)
ohv14*	0.25	0.0	0.0	(0.0)
ohv15*	0.0	0.25	0.0	(1.0)
ohv16*	0.25	0.0	0.0	(0.0)
ohv17*	0.0	0.25	0.0	(1.0)
ohv18*	0.25	0.0	0.0	(0.0)
ohv19*	0.0	0.25	0.0	(1.0)
ohv20*	0.25	0.0	0.0	(0.0)

relative Inform. Technology (IT)

ohv1*	0.0	0.0	0.0	(1.0)
ohv2*	0.0	0.0	0.0	(0.0)
ohv3*	0.0	0.0	0.0	(1.0)
ohv4*	0.0	0.0	0.0	(0.0)
ohv5*	0.0	0.0	0.0	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	0.0	0.0	0.0	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	0.0	0.0	0.0	(1.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	0.0	0.0	0.0	(1.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	0.0	0.0	0.0	(1.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	0.0	0.0	0.0	(1.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	0.0	0.0	0.0	(1.0)
ohv18*	0.0	0.0		

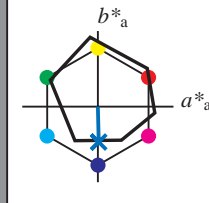
### Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

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

D50: Buntton B  
 LCH\*Ma: 42 45 271  
 olv\*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	47.5
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.872	1.0	(1.0)
cmv3*	0.25	0.128	0.0	(0.0)
ohv4*	0.75	0.872	1.0	1.0
cmv4*	0.25	0.128	0.0	0.0

standard and adapted CIELAB

LAB*LAB	82.0	-0.45	-7.31
LAB*LABa	82.0	0.27	-11.16
LAB*TCHa	87.5	11.18	271.39

relative Inform. Technology (IT)

ohv3*	0.5	0.622	0.754	(1.0)
cmv3*	0.5	0.378	0.25	(0.0)
ohv4*	0.5	0.622	0.754	1.0
cmv4*	0.5	0.378	0.25	0.0

standard and adapted CIELAB

LAB*LAB	68.6	0.07	-19.39
LAB*LABa	68.6	0.45	-22.34
LAB*TCHa	75.0	22.36	271.4

relative Inform. Technology (IT)

ohv3*	0.25	0.616	1.0	(1.0)
cmv3*	0.75	0.384	0.0	(0.0)
ohv4*	0.25	0.616	1.0	1.0
cmv4*	0.75	0.384	0.0	0.0

standard and adapted CIELAB

LAB*LAB	55.19	0.61	-31.48
LAB*LABa	55.19	0.42	-33.52
LAB*TCHa	62.5	33.54	271.4

relative Inform. Technology (IT)

ohv3*	0.0	0.488	1.0	(1.0)
cmv3*	1.0	0.512	0.0	(0.0)
ohv4*	0.0	0.488	1.0	1.0
cmv4*	1.0	0.512	0.0	0.0

standard and adapted CIELAB

LAB*LAB	41.79	1.14	-45.55
LAB*LABa	41.79	1.1	-44.69
LAB*TCHa	50.0	44.71	271.41

relative Inform. Technology (IT)

ohv3*	0.0	0.368	0.75	(1.0)
cmv3*	0.5	0.632	0.25	(0.0)
ohv4*	0.0	0.368	0.75	1.0
cmv4*	0.5	0.632	0.25	0.0

standard and adapted CIELAB

LAB*LAB	33.84	0.98	-33.78
LAB*LABa	33.84	0.83	-33.25
LAB*TCHa	37.51	33.54	271.41

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	0.25	0.25	0.25	1.0
cmv4*	0.75	0.75	0.75	0.0

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0
LAB*LABa	23.87	0.0	0.0
LAB*TCHa	25.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.177	0.006	(-0.249)
cmv3*	1.0	0.177	0.006	(0.0)
ohv4*	0.0	0.177	0.006	1.0
cmv4*	1.0	0.177	0.006	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.03	-0.47
LAB*LABa	18.02	0.0	0.0
LAB*TCHa	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	0.0	0.0	1.0
cmv4*	1.0	1.0	1.0	0.0

standard and adapted CIELAB

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	0.0	0.0	1.0
cmv4*	1.0	1.0	1.0	0.0

standard and adapted CIELAB

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0

standard and adapted CIELAB

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

relative Inform. Technology (IT)

ohv3*	0.5	0.622	0.754	(1.0)
cmv3*	0.5	0.378	0.25	(0.0)
ohv4*	0.5	0.622	0.754	1.0
cmv4*	0.5	0.378	0.25	0.0

standard and adapted CIELAB

LAB*LAB	62.65	-0.07	-8.62
LAB*LABa	62.65	0.27	-11.17
LAB*TCHa	62.5	11.18	271.41

relative Inform. Technology (IT)

ohv3*	0.25	0.616	1.0	(1.0)
cmv3*	0.75	0.384	0.0	(0.0)
ohv4*	0.25	0.616	1.0	1.0
cmv4*	0.75	0.384	0.0	0.0

standard and adapted CIELAB

LAB*LAB	49.25	0.45	-20.7
LAB*LABa	49.25	0.55	-22.35
LAB*TCHa	50.0	22.36	271.41

relative Inform. Technology (IT)

ohv3*	0.0	0.368	0.75	(1.0)
cmv3*	0.5	0.632	0.25	(0.0)
ohv4*	0.0	0.368	0.75	1.0
cmv4*	0.5	0.632	0.25	0.0

standard and adapted CIELAB

LAB*LAB	37.51	0.98	-33.78
LAB*LABa	37.51	0.83	-33.25
LAB*TCHa	37.5	33.54	271.41

relative Inform. Technology (IT)

ohv3*	0.0	0.488	1.0	(1.0)
cmv3*	1.0	0.512	0.0	(0.0)
ohv4*	0.0	0.488	1.0	1.0
cmv4*	1.0	0.512	0.0	0.0

standard and adapted CIELAB

LAB*LAB	41.79	1.14	-45.55
LAB*LABa	41.79	1.1	-44.69
LAB*TCHa	50.0	44.71	271.41

relative Inform. Technology (IT)

ohv3*	0.0	0.368	0.75	(1.0)
cmv3*	0.5	0.632	0.25	(0.0)
ohv4*	0.0	0.368	0.75	1.0
cmv4*	0.5	0.632	0.25	0.0

standard and adapted CIELAB

LAB*LAB	33.84	0.98	-33.78
LAB*LABa	33.84	0.83	-33.25
LAB*TCHa	37.51	33.54	271.41

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	0.25	0.25	0.25	1.0
cmv4*	0.75	0.75	0.75	0.0

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0
LAB*LABa	23.87	0.0	0.0
LAB*TCHa	25.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.177	0.006	(-0.249)
cmv3*	1.0	0.177	0.006	(0.0)
ohv4*	0.0	0.177	0.006	1.0
cmv4*	1.0	0.177	0.006	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.03	-0.47
LAB*LABa	18.02	0.0	0.0
LAB*TCHa	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	0.0	0.0	1.0
cmv4*	1.0	1.0	1.0	0.0

standard and adapted CIELAB

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

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	0.0	0.0	1.0
cmv4*	1.0	1.0	1.0	0.0

standard and adapted CIELAB

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

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	0.75	0.75	0.75	1.0
cmv4*	0.25	0.25	0.25	0.0

standard and adapted CIELAB

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

relative Inform. Technology (IT)

ohv3*	0.5	0.622	0.754	(1.0)
cmv3*	0.5	0.378	0.25	(0.0)
ohv4*	0.5	0.622	0.754	1.0
cmv4*	0.5	0.378	0.25	0.0

standard and adapted CIELAB

LAB*LAB	62.65	-0.07	-8.62
LAB*LABa	62.65	0.27	-11.17
LAB*TCHa	62.5	11.18	271.41

relative Inform. Technology (IT)

ohv3*	0.25	0.616	1.0	(1.0)
cmv3*	0.75	0.384	0.0	(0.0)
ohv4*	0.25	0.616	1.0	1.0
cmv4*	0.75	0.384	0.0	0.0

standard and adapted CIELAB

LAB*LAB	49.25	0.45	-20.7
LAB*LABa	49.25	0.55	-22.35
LAB*TCHa	50.0	22.36	271.41

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ohv3*	0.0	0.368	0.75	(1.0)
cmv3*	0.5	0.632	0.25	(0.0)
ohv4*	0.0	0.368	0.75	1.0
cmv4*	0.5	0.632	0.25	0.0

standard and adapted CIELAB

LAB*LAB	37.51	0.98	-33.78
LAB*LABa	37.51	0.83	-33.25
LAB*TCHa	37.5	33.54	271.41

relative Inform. Technology (IT)

ohv3*	0.0	0.488	1.0	(1.0)
cmv3*	1.0	0.512	0.0	(0.0)
ohv4*	0.0	0.488	1.0	1.0
cmv4*	1.0	0.512	0.0	0.0

standard and adapted CIELAB

LAB*LAB	41.79	1.14	-45.55
LAB*LABa	41.79	1.1	-44.69
LAB*TCHa	50.0	44.71	271.41

relative Inform. Technology (IT)

ohv3*	0.0	0.368	0.75	(1.0)
cmv3*	0.5	0.632	0.25	(0.0)
ohv4*	0.0	0.368	0.75	1.0
cmv4*	0.5	0.632	0.25	0.0

standard and adapted CIELAB

LAB*LAB	33.84	0.98	-33.78
LAB*LABa	33.84	0.83	-33.25
LAB*TCHa	37.51	33.54	271.41

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	0.25	0.25	0.25	1.0
cmv4*	0.75	0.75	0.75	0.0

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0
LAB*LABa	23.87	0.0	0.0
LAB*TCHa	25.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.177	0.006	(-0.249)
cmv3*	1.0	0.177	0.006	(0.0)
ohv4*	0.0	0.177	0.006	1.0
cmv4*	1.0	0.177	0.006	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.03	-0.47
LAB*LABa	18.02	0.0	0.0
LAB*TCHa	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	0.0	0.0	1.0
cmv4*	1.0	1.0	1.0	0.0

standard and adapted CIELAB

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

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmv0^* \text{ setcmkcolor}$

D50: 2 Koordindatendaten; 5stufige Farbreihen für 10 Bunttöne output:  $cmv0^* / 000n^* \text{ setcmkcolor}$

relative Buntheit  $c^*$