

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

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

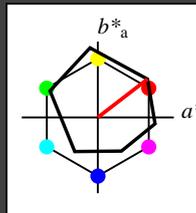
$lab^*ch$  und  $lab^*nch$

D65: Buntton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0

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*LAB	95.41	0.0	0.0
LAB*TLha	99.99	0.01	-

relative CIELAB lab\*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*ljr	1.0	0.0	0.0
lab*lce	1.0	0.0	0.0
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	83.54	15.58	16.58
LAB*LAB	83.54	16.34	12.63
LAB*TLha	87.5	20.65	37.69

relative CIELAB lab\*

lab*lab	0.847	0.198	0.153
lab*ch	0.875	0.25	0.105
lab*nch	0.0	0.25	0.105

relative Natural Colour (NC)

lab*ljr	0.847	0.238	0.078
lab*lce	0.875	0.25	0.048
lab*nce	0.0	0.25	0.191

relative Inform. Technology (IT)

ohv3*	1.0	0.5	0.5	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	71.67	32.69	28.25
LAB*LAB	71.67	32.69	28.25
LAB*TLha	75.0	41.31	37.69

relative CIELAB lab\*

lab*lab	0.693	0.396	0.306
lab*ch	0.75	0.5	0.105
lab*nch	0.0	0.5	0.105

relative Natural Colour (NC)

lab*ljr	0.693	0.477	0.15
lab*lce	0.75	0.5	0.048
lab*nce	0.0	0.5	0.191

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	59.8	48.73	40.24
LAB*LAB	59.8	49.03	37.88
LAB*TLha	62.5	61.96	37.69

relative CIELAB lab\*

lab*lab	0.54	0.593	0.458
lab*ch	0.625	0.75	0.105
lab*nch	0.0	0.75	0.105

relative Natural Colour (NC)

lab*ljr	0.54	0.716	0.224
lab*lce	0.625	0.75	0.048
lab*nce	0.0	0.75	0.191

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.5	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.37	50.51
LAB*TLha	50.0	82.61	37.69

relative CIELAB lab\*

lab*lab	0.387	0.791	0.611
lab*ch	0.5	1.0	0.105
lab*nch	0.387	0.954	0.299

relative Natural Colour (NC)

lab*ljr	0.387	0.954	0.299
lab*lce	0.5	1.0	0.048
lab*nce	0.0	1.0	0.191

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	49.46	49.46	38.93
LAB*LAB	49.46	49.03	37.88
LAB*TLha	50.0	82.61	37.69

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(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	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*TLha	75.0	0.01	-

relative CIELAB lab\*

lab*lab	0.75	0.5	0.0	0.0
lab*ch	0.75	0.5	0.0	0.0
lab*nch	0.25	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.75	0.5	0.0	0.0
lab*lce	0.75	0.5	0.0	0.0
lab*nce	0.25	0.0	0.0	-

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	64.19	15.96	15.28
LAB*LAB	64.19	16.35	12.63
LAB*TLha	62.5	20.66	37.69

relative CIELAB lab\*

lab*lab	0.597	0.198	0.153
lab*ch	0.625	0.25	0.105
lab*nch	0.25	0.25	0.105

relative Natural Colour (NC)

lab*ljr	0.597	0.239	0.078
lab*lce	0.625	0.25	0.048
lab*nce	0.25	0.25	0.191

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	52.33	32.53	27.11
LAB*LAB	52.33	32.69	25.26
LAB*TLha	50.0	41.31	37.69

relative CIELAB lab\*

lab*lab	0.443	0.477	0.15
lab*ch	0.5	0.75	0.105
lab*nch	0.443	0.75	0.105

relative Natural Colour (NC)

lab*ljr	0.443	0.477	0.15
lab*lce	0.5	0.75	0.048
lab*nce	0.443	0.75	0.191

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.37	50.51
LAB*TLha	50.0	82.61	37.69

relative CIELAB lab\*

lab*lab	0.387	0.791	0.611
lab*ch	0.5	1.0	0.105
lab*nch	0.387	0.954	0.299

relative Natural Colour (NC)

lab*ljr	0.387	0.954	0.299
lab*lce	0.5	1.0	0.048
lab*nce	0.0	1.0	0.191

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.37	50.51
LAB*TLha	50.0	82.61	37.69

relative CIELAB lab\*

lab*lab	0.375	0.216	0.125
lab*ch	0.875	0.25	0.083
lab*nch	0.0	0.25	0.083

relative Natural Colour (NC)

lab*ljr	0.875	0.248	0.027
lab*lce	0.875	0.25	0.017
lab*nce	0.0	0.25	0.091

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	66.39	16.76	9.68
LAB*LAB	66.39	16.76	9.68
LAB*TLha	62.5	19.35	30.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(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	56.71	-0.24	2.14
LAB*LAB	56.71	0.0	0.0
LAB*TLha	50.0	0.01	-

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0	0.0
lab*ch	0.5	0.0	0.0	0.0
lab*nch	0.5	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.5	0.0	0.0	0.0
lab*lce	0.5	0.0	0.0	0.0
lab*nce	0.5	0.0	0.0	-

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	44.32	16.35	13.97
LAB*LAB	44.32	16.35	12.63
LAB*TLha	37.5	20.66	37.69

relative CIELAB lab\*

lab*lab	0.347	0.198	0.153
lab*ch	0.375	0.25	0.105
lab*nch	0.25	0.25	0.105

relative Natural Colour (NC)

lab*ljr	0.347	0.239	0.078
lab*lce	0.375	0.25	0.048
lab*nce	0.25	0.25	0.191

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	37.37	30.0	0.0
LAB*LAB	37.37	30.0	0.0
LAB*TLha	25.0	0.01	-

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.25	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.25	0.0	0.0	0.0
lab*lce	0.25	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	47.94	65.3	52.06
LAB*LAB	47.94	65.37	50.51
LAB*TLha	50.0	82.61	37.69

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.25	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.25	0.0	0.0	0.0
lab*lce	0.25	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	-

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	47.94	65.3	52.06
LAB*LAB	47.94	65.37	50.51
LAB*TLha	50.0	82.61	37.69

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.25	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.25	0.0	0.0	0.0
lab*lce	0.25	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0

standard

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

für Buntton  $h^* = lab^*h = 96/360 = 0.268$

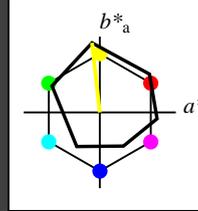
$lab^*ch$  und  $lab^*nch$

D65: Buntton Y

LCH\*Ma: 90 92 96

olv\*Ma: 1.0 1.0 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	0.0
LAB*LAB	95.41	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	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	1.0	0.0	0.0
lab*nce	1.0	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	1.0	0.75	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
olv3*	1.0	1.0	0.75	1.0
cmv3*	0.0	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	94.14	-3.52	27.6	0.0
LAB*LAB	94.14	-2.56	22.93	0.0
LAB*LAB	87.5	25.07	96.38	0.0

relative CIELAB lab\*

lab*lab	0.984	-0.027	0.248
lab*ch	0.875	0.25	0.268
lab*nch	0.0	0.25	0.268

relative Natural Colour (NC)

lab*nrj	0.984	-0.024	0.249
lab*nce	0.875	0.25	0.266
lab*nce	0.0	0.25	0.266

relative Inform. Technology (IT)

obv3*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)
olv3*	1.0	1.0	0.5	1.0
cmv3*	0.0	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	92.88	-6.06	50.46	0.0
LAB*LAB	92.88	-5.12	45.87	0.0
LAB*LAB	75.0	46.15	96.38	0.0

relative CIELAB lab\*

lab*lab	0.967	-0.055	0.497
lab*ch	0.75	0.5	0.268
lab*nch	0.0	0.5	0.268

relative Natural Colour (NC)

lab*nrj	0.967	-0.048	0.497
lab*nce	0.75	0.5	0.266
lab*nce	0.0	0.5	0.266

relative Inform. Technology (IT)

obv3*	1.0	1.0	0.25	(1.0)
cmv3*	0.0	0.0	0.75	(0.0)
olv3*	1.0	1.0	0.25	1.0
cmv3*	0.0	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	91.62	-8.61	73.31	0.0
LAB*LAB	91.62	-7.69	68.88	0.0
LAB*LAB	62.5	69.23	96.38	0.0

relative CIELAB lab\*

lab*lab	0.951	-0.073	0.746
lab*ch	0.625	0.75	0.266
lab*nch	0.0	0.75	0.266

relative Natural Colour (NC)

lab*nrj	0.951	-0.073	0.746
lab*nce	0.625	0.75	0.266
lab*nce	0.0	0.75	0.266

relative Inform. Technology (IT)

obv3*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	1.0	(0.0)
olv3*	1.0	1.0	0.0	1.0
cmv3*	0.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	90.36	-11.15	96.15	0.0
LAB*LAB	90.36	-10.25	91.73	0.0
LAB*LAB	50.0	92.3	96.38	0.0

relative CIELAB lab\*

lab*lab	0.938	-0.11	0.994
lab*ch	0.5	1.0	0.268
lab*nch	0.0	1.0	0.268

relative Natural Colour (NC)

lab*nrj	0.938	-0.097	0.995
lab*nce	0.5	1.0	0.266
lab*nce	0.0	1.0	0.266

relative Inform. Technology (IT)

obv3*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)
olv3*	1.0	1.0	0.0	1.0
cmv3*	0.0	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	88.00	-13.35	96.15	0.0
LAB*LAB	88.00	-12.45	91.73	0.0
LAB*LAB	50.0	92.3	96.38	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	0.75	1.0
cmv3*	0.0	0.0	0.25	0.0
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	0.0	0.0

relative CIELAB lab\*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.75	0.0	0.0
lab*nce	0.75	0.0	0.0
lab*nce	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.25	0.25	0.75	(0.0)
olv3*	1.0	1.0	0.25	1.0
cmv3*	0.0	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	74.8	-3.15	26.3	0.0
LAB*LAB	74.8	-2.56	22.94	0.0
LAB*LAB	62.5	23.08	96.38	0.0

relative CIELAB lab\*

lab*lab	0.75	0.75	0.25	(1.0)
lab*ch	0.625	0.25	0.268	
lab*nch	0.25	0.25	0.268	

relative Natural Colour (NC)

lab*nrj	0.734	-0.024	0.249
lab*nce	0.625	0.25	0.266
lab*nce	0.25	0.25	0.266

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	1.0	(0.0)
olv3*	1.0	1.0	0.0	1.0
cmv3*	0.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	73.54	-5.12	45.88	0.0
LAB*LAB	73.54	-4.16	41.3	0.0
LAB*LAB	50.0	46.15	96.38	0.0

relative CIELAB lab\*

lab*lab	0.75	0.75	0.0	(1.0)
lab*ch	0.625	0.75	0.268	
lab*nch	0.25	0.75	0.268	

relative Natural Colour (NC)

lab*nrj	0.734	-0.048	0.498
lab*nce	0.625	0.75	0.266
lab*nce	0.25	0.75	0.266

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	0.5	1.0
cmv3*	0.0	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	56.72	0.0	19.35	0.0
LAB*LAB	56.72	0.0	0.0	0.0
LAB*LAB	50.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.5	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*nce	0.5	0.0	0.0
lab*nce	0.5	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	0.75	(0.0)
olv3*	1.0	1.0	0.75	1.0
cmv3*	0.0	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	0.0	38.7	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	50.0	38.7	90.0	0.0

relative CIELAB lab\*

lab*lab	0.75	0.0	0.5
lab*ch	0.75	0.5	0.25
lab*nch	0.25	0.5	0.25

relative Natural Colour (NC)

lab*nrj	0.75	0.027	0.499
lab*nce	0.75	0.5	0.241
lab*nce	0.0	0.5	0.241

relative Inform. Technology (IT)

obv3*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	1.0	(0.0)
olv3*	1.0	1.0	0.0	1.0
cmv3*	0.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	0.0	77.38	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	50.0	77.38	90.0	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	0.25	1.0
cmv3*	0.0	0.0	0.75	0.0
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	50.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.5	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0
lab*nce	0.5	0.0	0.0
lab*nce	0.5	0.0	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	0.5	1.0
cmv3*	0.0	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	55.45	-2.78	5.0	0.0
LAB*LAB	55.45	-2.56	22.94	0.0
LAB*LAB	37.5	23.08	96.38	0.0

relative CIELAB lab\*

lab*lab	0.484	-0.027	0.248
lab*ch	0.375	0.25	0.268
lab*nch	0.25	0.25	0.268

relative Natural Colour (NC)

lab*nrj	0.484	-0.024	0.249
lab*nce	0.375	0.25	0.266
lab*nce	0.25	0.25	0.266

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	1.0	(0.0)
olv3*	1.0	1.0	0.25	1.0
cmv3*	0.0	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	54.19	-5.12	45.87	0.0
LAB*LAB	54.19	-4.16	41.3	0.0
LAB*LAB	50.0	46.15	96.38	0.0

relative CIELAB lab\*

lab*lab	0.75	0.75	0.0	(1.0)
lab*ch	0.625	0.75	0.268	
lab*nch	0.25	0.75	0.268	

relative Natural Colour (NC)

lab*nrj	0.751	-0.073	0.746
lab*nce	0.625	0.75	0.266
lab*nce	0.25	0.75	0.266

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	0.25	1.0
cmv3*	0.0	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	37.37	0.0	19.35	0.0
LAB*LAB	37.37	0.0	0.0	0.0
LAB*LAB	50.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.25	0.0	0.0
lab*nce	0.25	0.0	0.0
lab*nce	0.25	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	0.75	(0.0)
olv3*	1.0	1.0	0.75	1.0
cmv3*	0.0	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	0.0	38.7	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	50.0	38.7	90.0	0.0

relative CIELAB lab\*

lab*lab	0.75	0.0	0.5
lab*ch	0.75	0.5	0.25
lab*nch	0.25	0.5	0.25

relative Natural

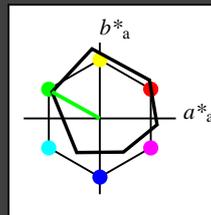
**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

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

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

D65: Buntton L  
 LCH\*Ma: 51 72 151  
 olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

ohv1*	0.125	1.0	0.125	(1.0)
ohv2*	0.125	0.125	0.125	(0.125)
ohv3*	0.125	1.0	0.125	(1.0)
ohv4*	0.125	0.125	0.125	(0.125)
ohv5*	0.125	1.0	0.125	(1.0)
ohv6*	0.125	0.125	0.125	(0.125)
ohv7*	0.125	1.0	0.125	(1.0)
ohv8*	0.125	0.125	0.125	(0.125)
ohv9*	0.125	1.0	0.125	(1.0)
ohv10*	0.125	0.125	0.125	(0.125)
ohv11*	0.125	1.0	0.125	(1.0)
ohv12*	0.125	0.125	0.125	(0.125)
ohv13*	0.125	1.0	0.125	(1.0)
ohv14*	0.125	0.125	0.125	(0.125)
ohv15*	0.125	1.0	0.125	(1.0)
ohv16*	0.125	0.125	0.125	(0.125)
ohv17*	0.125	1.0	0.125	(1.0)
ohv18*	0.125	0.125	0.125	(0.125)
ohv19*	0.125	1.0	0.125	(1.0)
ohv20*	0.125	0.125	0.125	(0.125)

relative Inform. Technology (IT)

ohv1*	0.0625	1.0	0.0625	(1.0)
ohv2*	0.0625	0.0625	0.0625	(0.0625)
ohv3*	0.0625	1.0	0.0625	(1.0)
ohv4*	0.0625	0.0625	0.0625	(0.0625)
ohv5*	0.0625	1.0	0.0625	(1.0)
ohv6*	0.0625	0.0625	0.0625	(0.0625)
ohv7*	0.0625	1.0	0.0625	(1.0)
ohv8*	0.0625	0.0625	0.0625	(0.0625)
ohv9*	0.0625	1.0	0.0625	(1.0)
ohv10*	0.0625	0.0625	0.0625	(0.0625)
ohv11*	0.0625	1.0	0.0625	(1.0)
ohv12*	0.0625	0.0625	0.0625	(0.0625)
ohv13*	0.0625	1.0	0.0625	(1.0)
ohv14*	0.0625	0.0625	0.0625	(0.0625)
ohv15*	0.0625	1.0	0.0625	(1.0)
ohv16*	0.0625	0.0625	0.0625	(0.0625)
ohv17*	0.0625	1.0	0.0625	(1.0)
ohv18*	0.0625	0.0625	0.0625	(0.0625)
ohv19*	0.0625	1.0	0.0625	(1.0)
ohv20*	0.0625	0.0625	0.0625	(0.0625)

relative Inform. Technology (IT)

ohv1*	0.03125	1.0	0.03125	(1.0)
ohv2*	0.03125	0.03125	0.03125	(0.03125)
ohv3*	0.03125	1.0	0.03125	(1.0)
ohv4*	0.03125	0.03125	0.03125	(0.03125)
ohv5*	0.03125	1.0	0.03125	(1.0)
ohv6*	0.03125	0.03125	0.03125	(0.03125)
ohv7*	0.03125	1.0	0.03125	(1.0)
ohv8*	0.03125	0.03125	0.03125	(0.03125)
ohv9*	0.03125	1.0	0.03125	(1.0)
ohv10*	0.03125	0.03125	0.03125	(0.03125)
ohv11*	0.03125	1.0	0.03125	(1.0)
ohv12*	0.03125	0.03125	0.03125	(0.03125)
ohv13*	0.03125	1.0	0.03125	(1.0)
ohv14*	0.03125	0.03125	0.03125	(0.03125)
ohv15*	0.03125	1.0	0.03125	(1.0)
ohv16*	0.03125	0.03125	0.03125	(0.03125)
ohv17*	0.03125	1.0	0.03125	(1.0)
ohv18*	0.03125	0.03125	0.03125	(0.03125)
ohv19*	0.03125	1.0	0.03125	(1.0)
ohv20*	0.03125	0.03125	0.03125	(0.03125)

relative Inform. Technology (IT)

ohv1*	0.015625	1.0	0.015625	(1.0)
ohv2*	0.015625	0.015625	0.015625	(0.015625)
ohv3*	0.015625	1.0	0.015625	(1.0)
ohv4*	0.015625	0.015625	0.015625	(0.015625)
ohv5*	0.015625	1.0	0.015625	(1.0)
ohv6*	0.015625	0.015625	0.015625	(0.015625)
ohv7*	0.015625	1.0	0.015625	(1.0)
ohv8*	0.015625	0.015625	0.015625	(0.015625)
ohv9*	0.015625	1.0	0.015625	(1.0)
ohv10*	0.015625	0.015625	0.015625	(0.015625)
ohv11*	0.015625	1.0	0.015625	(1.0)
ohv12*	0.015625	0.015625	0.015625	(0.015625)
ohv13*	0.015625	1.0	0.015625	(1.0)
ohv14*	0.015625	0.015625	0.015625	(0.015625)
ohv15*	0.015625	1.0	0.015625	(1.0)
ohv16*	0.015625	0.015625	0.015625	(0.015625)
ohv17*	0.015625	1.0	0.015625	(1.0)
ohv18*	0.015625	0.015625	0.015625	(0.015625)
ohv19*	0.015625	1.0	0.015625	(1.0)
ohv20*	0.015625	0.015625	0.015625	(0.015625)

relative Inform. Technology (IT)

ohv1*	0.0078125	1.0	0.0078125	(1.0)
ohv2*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv3*	0.0078125	1.0	0.0078125	(1.0)
ohv4*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv5*	0.0078125	1.0	0.0078125	(1.0)
ohv6*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv7*	0.0078125	1.0	0.0078125	(1.0)
ohv8*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv9*	0.0078125	1.0	0.0078125	(1.0)
ohv10*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv11*	0.0078125	1.0	0.0078125	(1.0)
ohv12*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv13*	0.0078125	1.0	0.0078125	(1.0)
ohv14*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv15*	0.0078125	1.0	0.0078125	(1.0)
ohv16*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv17*	0.0078125	1.0	0.0078125	(1.0)
ohv18*	0.0078125	0.0078125	0.0078125	(0.0078125)
ohv19*	0.0078125	1.0	0.0078125	(1.0)
ohv20*	0.0078125	0.0078125	0.0078125	(0.0078125)

relative Inform. Technology (IT)

ohv1*	0.00390625	1.0	0.00390625	(1.0)
ohv2*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv3*	0.00390625	1.0	0.00390625	(1.0)
ohv4*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv5*	0.00390625	1.0	0.00390625	(1.0)
ohv6*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv7*	0.00390625	1.0	0.00390625	(1.0)
ohv8*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv9*	0.00390625	1.0	0.00390625	(1.0)
ohv10*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv11*	0.00390625	1.0	0.00390625	(1.0)
ohv12*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv13*	0.00390625	1.0	0.00390625	(1.0)
ohv14*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv15*	0.00390625	1.0	0.00390625	(1.0)
ohv16*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv17*	0.00390625	1.0	0.00390625	(1.0)
ohv18*	0.00390625	0.00390625	0.00390625	(0.00390625)
ohv19*	0.00390625	1.0	0.00390625	(1.0)
ohv20*	0.00390625	0.00390625	0.00390625	(0.00390625)

relative Inform. Technology (IT)

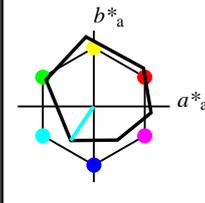
ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	1.0	0.75	(0.0)
ohv3*	0.25	0.25	0.25	(1.0)
ohv4*	0.75	1.0	0.75	(0.0)
ohv5*	0.25	0.25	0.25	(1.0)
ohv6*	0.75	1.0	0.75	(0.0)
ohv7*	0.25	0.25	0.25	(1.0)
ohv8*	0.75	1.0	0.75	(0.0)
ohv9*	0.25	0.25		

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

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

D65: Buntton C  
 LCH\*Ma: 59 54 236  
 olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



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*LAB	95.41	0.0	0.0	0.0
LAB*TCla	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	0.75	1.0	1.0	1.0
cmv4*	0.25	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	86.21	-8.39	-7.1
LAB*LAB	86.21	-7.57	-11.24	-22.5
LAB*TCla	87.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.5	1.0	1.0	(1.0)
cmv3*	0.5	0.0	0.0	(0.0)
ohv4*	0.5	1.0	1.0	1.0
cmv4*	0.5	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	77.01	-15.8	-18.98
LAB*LAB	77.01	-15.16	-22.5	-45.01
LAB*TCla	75.0	27.14	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	0.25	1.0	1.0	1.0
cmv4*	0.25	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	67.81	-23.21	-30.86
LAB*LAB	67.81	-22.75	-33.75	-66.6
LAB*TCla	62.5	40.72	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	58.62	-30.33	-45.01
LAB*LAB	58.62	-30.33	-45.01	-90.02
LAB*TCla	50.0	54.29	236.02	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*	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	0.0
LAB*TCla	75.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	0.75	1.0	1.0	0.75
cmv4*	0.25	0.0	0.0	0.25
standard and adapted CIELAB	LAB*LAB	66.86	-8.02	-8.42
LAB*LAB	66.86	-7.58	-11.25	-22.5
LAB*TCla	62.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	0.25	1.0	1.0	0.75
cmv4*	0.25	0.0	0.0	0.25
standard and adapted CIELAB	LAB*LAB	57.67	-15.43	-20.29
LAB*LAB	57.67	-15.16	-22.5	-45.01
LAB*TCla	50.0	27.14	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	0.75	0.75	0.75
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	48.41	-22.83	-33.72
LAB*LAB	48.41	-22.75	-33.75	-66.6
LAB*TCla	37.51	40.72	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	58.62	-30.33	-45.01
LAB*LAB	58.62	-30.33	-45.01	-90.02
LAB*TCla	50.0	54.29	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	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	0.0
LAB*TCla	50.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
ohv4*	0.75	1.0	1.0	0.5
cmv4*	0.25	0.0	0.0	0.5
standard and adapted CIELAB	LAB*LAB	47.51	-7.64	-9.72
LAB*LAB	47.51	-7.58	-11.25	-22.5
LAB*TCla	37.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
ohv4*	0.0	0.5	0.5	0.5
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	37.51	-4.41	-5.41
LAB*LAB	37.51	-4.41	-5.41	-10.82
LAB*TCla	37.51	40.72	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	0.75	0.75	0.75
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	48.41	-22.83	-33.72
LAB*LAB	48.41	-22.75	-33.75	-66.6
LAB*TCla	37.51	40.72	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	58.62	-30.33	-45.01
LAB*LAB	58.62	-30.33	-45.01	-90.02
LAB*TCla	50.0	54.29	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	1.0	0.0	0.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	37.51	-4.41	-5.41
LAB*LAB	37.51	-4.41	-5.41	-10.82
LAB*TCla	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	0.0	0.25	0.25	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	27.14	-0.24	2.14
LAB*LAB	27.14	0.0	0.0	0.0
LAB*TCla	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	0.0	0.5	0.5	0.5
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCla	12.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	0.75	0.75	0.75
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCla	12.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCla	12.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	1.0	0.0	0.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	27.14	-0.24	2.14
LAB*LAB	27.14	0.0	0.0	0.0
LAB*TCla	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	0.0	0.25	0.25	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCla	12.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	0.0	0.5	0.5	0.5
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	9.01	0.0	0.0
LAB*LAB	9.01	0.0	0.0	0.0
LAB*TCla	6.25	6.79	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	0.75	0.75	0.75
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	9.01	0.0	0.0
LAB*LAB	9.01	0.0	0.0	0.0
LAB*TCla	6.25	6.79	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	9.01	0.0	0.0
LAB*LAB	9.01	0.0	0.0	0.0
LAB*TCla	6.25	6.79	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	1.0	0.0	0.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCla	12.5	13.57	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	0.0	0.25	0.25	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	9.01	0.0	0.0
LAB*LAB	9.01	0.0	0.0	0.0
LAB*TCla	6.25	6.79	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ohv4*	0.0	0.5	0.5	0.5
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	4.50	0.0	0.0
LAB*LAB	4.50	0.0	0.0	0.0
LAB*TCla	3.12	3.39	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	0.0	0.75	0.75	0.75
cmv4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB	LAB*LAB	4.50	0.0	0.0
LAB*LAB	4.50	0.0	0.0	0.0
LAB*TCla	3.12	3.39	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	0.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	4.50	0.0	0.0
LAB*LAB	4.50	0.0	0.0	0.0
LAB*TCla	3.12	3.39	236.02	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv				

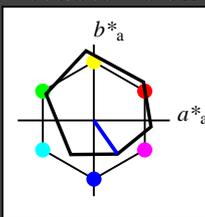
**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

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

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

D65: Buntton V  
 LCH\*Ma: 26 54 305  
 olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

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	0.75	1.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
ohv4*	0.75	0.75	1.0	(1.0)
cmv4*	0.25	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	77.99	7.12	-7.51	
LAB*LABa	77.99	7.12	-11.09	
LAB*TCHa	87.5	13.55	305.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
ohv4*	0.5	0.5	1.0	(1.0)
cmv4*	0.5	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	60.56	15.23	-19.79	
LAB*LABa	60.56	15.23	-22.19	
LAB*TCHa	75.0	27.1	305.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	1.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	0.25	0.25	1.0	(1.0)
cmv4*	0.75	0.75	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	43.14	23.34	-32.07	
LAB*LABa	43.14	23.34	-33.20	
LAB*TCHa	50.0	54.21	305.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	1.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	1.0	(1.0)
cmv4*	1.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.75	31.44	-44.34	
LAB*LABa	25.75	31.44	-44.39	
LAB*TCHa	50.0	54.21	305.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(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	76.06	-0.61	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*TCHa	75.0	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.5	(0.0)
ohv4*	0.75	0.75	1.0	(1.0)
cmv4*	0.25	0.25	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	58.64	7.49	-8.82	
LAB*LABa	58.64	7.49	-11.09	
LAB*TCHa	62.5	13.55	305.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.75	(1.0)
cmv3*	0.5	0.5	0.25	(0.0)
ohv4*	0.5	0.5	1.0	(1.0)
cmv4*	0.5	0.5	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	43.14	23.34	-32.07	
LAB*LABa	43.14	23.34	-33.20	
LAB*TCHa	50.0	54.21	305.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.5	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
ohv4*	0.25	0.25	1.0	(1.0)
cmv4*	0.75	0.75	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.75	31.44	-44.34	
LAB*LABa	25.75	31.44	-44.39	
LAB*TCHa	50.0	54.21	305.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.75	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
ohv4*	0.0	0.0	1.0	(1.0)
cmv4*	1.0	1.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(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	56.71	-0.24	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*TCHa	50.0	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.25	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
ohv4*	0.5	0.5	1.0	(1.0)
cmv4*	0.75	0.75	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	39.27	7.52	-10.13	
LAB*LABa	39.27	7.52	-11.09	
LAB*TCHa	37.5	13.55	305.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.5	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
ohv4*	0.25	0.25	1.0	(1.0)
cmv4*	0.75	0.75	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.75	31.44	-44.34	
LAB*LABa	25.75	31.44	-44.39	
LAB*TCHa	50.0	54.21	305.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.5	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
ohv4*	0.0	0.0	1.0	(1.0)
cmv4*	1.0	1.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.75	31.44	-44.34	
LAB*LABa	25.75	31.44	-44.39	
LAB*TCHa	50.0	54.21	305.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	0.75	0.75	0.5	(1.0)
cmv4*	0.25	0.25	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	0.0	-38.69	
LAB*LABa	56.71	0.0	-38.69	
LAB*TCHa	50.0	38.7	270.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.25	(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	37.5	13.55	305.0	
LAB*LABa	37.5	13.55	305.0	
LAB*TCHa	25.0	0.01	0.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.143	(1.0)
cmv3*	0.75	0.75	0.5	(0.0)
ohv4*	0.25	0.25	1.0	(1.0)
cmv4*	0.75	0.75	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	39.27	7.52	-10.13	
LAB*LABa	39.27	7.52	-11.09	
LAB*TCHa	37.5	13.55	305.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.75	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
ohv4*	0.0	0.0	1.0	(1.0)
cmv4*	1.0	1.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.287	(1.0)
cmv3*	0.5	0.5	0.287	(0.0)
ohv4*	0.5	0.5	1.0	(1.0)
cmv4*	0.5	0.5	0.287	(0.0)
standard and adapted CIELAB				
LAB*LAB	19.94	7.77	-11.09	
LAB*LABa	19.94	7.77	-11.09	
LAB*TCHa	12.5	13.55	305.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.5	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
ohv4*	0.0	0.0	1.0	(1.0)
cmv4*	1.0	1.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(1.0)
ohv4*	0.0	0.0	0.0	(1.0)
cmv4*	1.0	1.0	1.0	(1.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	0.25	0.25	1.0	(1.0)
cmv4*	0.75	0.75	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	19.94	7.77	-11.09	
LAB*LABa	19.94	7.77	-11.09	
LAB*TCHa	12.5	13.55	305.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.25	(1.0)
cmv3*	1.0	1.0	0.25	(0.0)
ohv4*	0.0	0.0	1.0	(1.0)
cmv4*	1.0	1.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	0.0	(1.0)
cmv4*	1.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
ohv4*	0.75	0.75	0.0	(1.0)
cmv4*	0.25	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	0.0	(1.0)
cmv4*	1.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	0.0	(1.0)
cmv4*	1.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	0.0	(1.0)
cmv4*	1.0	1.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	
LAB*LABa	18.02	18.02	0.0	
LAB*TCHa	12.5	19.34	270.0	

relative Inform. Technology (IT)

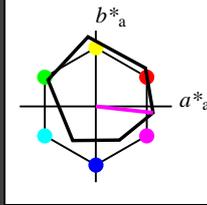
ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
ohv4*	0.0	0.0	0.0	(1.0)
cmv4*</				

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

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

D65: Buntton M  
 LCH\*Ma: 48 76 354  
 olv\*Ma: 1.0 0.0 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	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	1.0	0.0	0.0	0.0
lab*ch	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0
cmv3*	0.0	0.0	0.0	0.0
cmv4*	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0
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*TCHa	75.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.75	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0
lab*nch	0.0	0.0	0.75	0.0
cmv3*	0.0	0.25	0.25	0.0
cmv4*	0.0	0.0	0.0	0.25

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	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*TCHa	50.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0	0.0
lab*ch	0.5	0.0	0.0	0.0
lab*nch	0.0	0.0	0.5	0.0
cmv3*	1.0	0.0	0.0	0.5
cmv4*	0.0	0.0	0.0	0.5

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	37.37	0.23	0.83	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCHa	25.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.0	0.0	0.25	0.0
cmv3*	0.75	0.0	0.0	0.75
cmv4*	0.0	0.0	0.0	0.75

relative Inform. Technology (IT)

ohv3*	0.125	0.125	0.125	(1.0)
cmv3*	0.875	0.875	0.875	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.375
standard and adapted CIELAB				
LAB*LAB	18.18	0.12	0.41	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCHa	10.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.125	0.0	0.0	0.0
lab*ch	0.125	0.0	0.0	0.0
lab*nch	0.0	0.0	0.125	0.0
cmv3*	0.875	0.0	0.0	0.875
cmv4*	0.0	0.0	0.0	0.375

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.125
standard and adapted CIELAB				
LAB*LAB	9.09	0.06	0.20	0.0
LAB*LAB	9.09	0.0	0.0	0.0
LAB*TCHa	5.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.0	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.125
cmv3*	1.0	0.0	0.0	1.0
cmv4*	0.0	0.0	0.0	0.125

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	4.54	0.03	0.10	0.0
LAB*LAB	4.54	0.0	0.0	0.0
LAB*TCHa	2.5	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.0	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
cmv3*	1.0	0.0	0.0	1.0
cmv4*	0.0	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	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	2.27	0.01	0.05	0.0
LAB*LAB	2.27	0.0	0.0	0.0
LAB*TCHa	1.25	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.0	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
cmv3*	1.0	0.0	0.0	1.0
cmv4*	0.0	0.0	0.0	0.0

NG520-7, 5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

BAM-Prüfvorlage NG52; Farbmetrik-Systeme ORS18 & SRS18 input:  $olv^* setrgbcolor$

D65: 2 Koordinateindaten; 5stufige Farbreihen für 10 Bunttöne

5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (rechts)

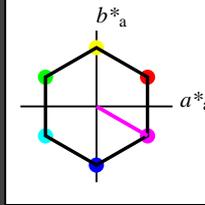
output:  $olv^* setrgbcolor / w^* setgray$

**Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18**

für Buntton  $h^* = lab^*h = 330/360 = 0.917$   
 $lab^*ch$  und  $lab^*nch$

D65: Buntton M  
 LCH\*Ma: 57 77 330  
 olv\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$

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	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	1.0	0.0	0.0	0.0
lab*ch	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0
cmv3*	0.0	0.0	0.0	0.0
cmv4*	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	76.07	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.75	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0
lab*nch	0.0	0.0	0.75	0.0
cmv3*	0.0	0.25	0.25	0.0
cmv4*	0.0	0.0	0.0	0.25

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.72	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0
LAB*TCHa	50.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0	0.0
lab*ch	0.5	0.0	0.0	0.0
lab*nch	0.0	0.0	0.5	0.0
cmv3*	1.0	0.0	0.0	0.5
cmv4*	0.0	0.0	0.0	0.5

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB				
LAB*LAB	37.37	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0
LAB*TCHa	25.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.0	0.0	0.25	0.0
cmv3*	0.75	0.0	0.0	0.75
cmv4*	0.0	0.0	0.0	0.75

relative Inform. Technology (IT)

ohv3*	0.125	0.125	0.125	(1.0)
cmv3*	0.875	0.875	0.875	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.375
standard and adapted CIELAB				
LAB*LAB	18.18	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0
LAB*TCHa	10.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.125	0.0	0.0	0.0
lab*ch	0.125	0.0	0.0	0.0
lab*nch	0.0	0.0	0.125	0.0
cmv3*	0.875	0.0	0.0	0.875
cmv4*	0.0	0.0	0.0	0.375

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.125
standard and adapted CIELAB				
LAB*LAB	9.09	0.0	0.0	0.0
LAB*LAB	9.09	0.0	0.0	0.0
LAB*TCHa	5.0	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.0	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.125
cmv3*	1.0	0.0	0.0	1.0
cmv4*	0.0	0.0	0.0	0.125

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	4.54	0.0	0.0	0.0
LAB*LAB	4.54	0.0	0.0	0.0
LAB*TCHa	2.5	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.0	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
cmv3*	1.0	0.0	0.0	1.0
cmv4*	0.0	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	1.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	2.27	0.0	0.0	0.0
LAB*LAB	2.27	0.0	0.0	0.0
LAB*TCHa	1.25	0.01	0.0	0.0

relative CIELAB lab\*

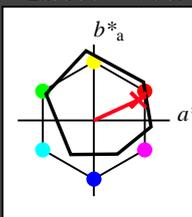
lab*lab	0.0	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
cmv3*	1.0	0.0		

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

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

D65: Buntton R  
 LCH\*Ma: 48 75 25  
 olv\*Ma: 1.0 0.0 0.32

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	8.88
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCa	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	0.831	(1.0)
cmv3*	0.0	0.25	0.169	(0.0)
ohv4*	1.0	0.75	0.831	1.0
cmv4*	0.0	0.25	0.169	0.0
standard and adapted CIELAB				
LAB*LAB	83.55	16.38	11.84	1.84
LAB*LAB	83.55	17.34	7.88	1.84
LAB*TCa	87.5	18.86	24.69	1.84

relative Inform. Technology (IT)

ohv3*	1.0	0.5	0.661	(1.0)
cmv3*	0.0	0.5	0.339	(0.0)
ohv4*	1.0	0.5	0.661	1.0
cmv4*	0.0	0.5	0.339	0.0
standard and adapted CIELAB				
LAB*LAB	71.7	33.75	18.92	1.84
LAB*LAB	71.7	34.28	15.76	1.84
LAB*TCa	75.0	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	1.0	0.25	0.492	(1.0)
cmv3*	0.0	0.75	0.508	(0.0)
ohv4*	1.0	0.25	0.492	1.0
cmv4*	0.0	0.75	0.508	0.0
standard and adapted CIELAB				
LAB*LAB	59.85	51.12	26.01	1.84
LAB*LAB	59.85	51.42	23.65	1.84
LAB*TCa	62.5	56.6	24.7	1.84

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.322	(1.0)
cmv3*	0.0	1.0	0.678	(0.0)
ohv4*	1.0	0.0	0.322	1.0
cmv4*	0.0	1.0	0.678	0.0
standard and adapted CIELAB				
LAB*LAB	48.0	68.48	33.09	1.84
LAB*LAB	48.0	68.56	31.53	1.84
LAB*TCa	50.0	75.47	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(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	76.06	-0.61	3.44	1.84
LAB*LAB	76.06	0.0	0.0	1.84
LAB*TCa	75.0	0.01	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.549	(1.0)
cmv3*	0.25	0.5	0.451	(0.0)
ohv4*	1.0	0.75	0.831	1.0
cmv4*	0.0	0.25	0.169	0.0
standard and adapted CIELAB				
LAB*LAB	64.21	16.75	10.54	1.84
LAB*LAB	64.21	17.14	7.88	1.84
LAB*TCa	62.5	18.87	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.411	(1.0)
cmv3*	0.25	0.75	0.589	(0.0)
ohv4*	1.0	0.5	0.661	1.0
cmv4*	0.0	0.5	0.339	0.0
standard and adapted CIELAB				
LAB*LAB	52.36	34.13	17.62	1.84
LAB*LAB	52.36	34.29	15.77	1.84
LAB*TCa	50.0	37.74	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(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	48.0	68.48	33.09	1.84
LAB*LAB	48.0	68.56	31.53	1.84
LAB*TCa	50.0	75.47	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.372	(1.0)
cmv3*	0.25	0.75	0.628	(0.0)
ohv4*	1.0	0.5	0.661	1.0
cmv4*	0.0	0.5	0.339	0.0
standard and adapted CIELAB				
LAB*LAB	48.0	68.48	33.09	1.84
LAB*LAB	48.0	68.56	31.53	1.84
LAB*TCa	50.0	75.47	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(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	56.71	-0.24	2.14	1.84
LAB*LAB	56.71	0.0	0.0	1.84
LAB*TCa	50.0	0.01	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.411	(1.0)
cmv3*	0.25	0.75	0.589	(0.0)
ohv4*	1.0	0.5	0.661	1.0
cmv4*	0.0	0.5	0.339	0.0
standard and adapted CIELAB				
LAB*LAB	44.86	17.13	9.25	1.84
LAB*LAB	44.86	17.14	7.88	1.84
LAB*TCa	42.5	18.87	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.242	(1.0)
cmv3*	0.25	1.0	0.758	(0.0)
ohv4*	1.0	0.25	0.492	1.0
cmv4*	0.0	0.75	0.508	0.0
standard and adapted CIELAB				
LAB*LAB	40.51	51.42	23.65	1.84
LAB*LAB	40.51	51.42	23.65	1.84
LAB*TCa	37.51	56.6	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.161	(1.0)
cmv3*	0.0	1.0	0.839	(0.0)
ohv4*	1.0	0.25	0.492	1.0
cmv4*	0.0	0.75	0.508	0.0
standard and adapted CIELAB				
LAB*LAB	33.01	34.28	15.77	1.84
LAB*LAB	33.01	34.28	15.77	1.84
LAB*TCa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	47.04	16.76	7.99	1.84
LAB*LAB	47.04	16.76	7.99	1.84
LAB*TCa	45.0	18.86	25.48	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	37.36	19.0	0.83	1.84
LAB*LAB	37.36	0.0	0.0	1.84
LAB*TCa	25.0	0.01	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.161	(1.0)
cmv3*	0.0	1.0	0.839	(0.0)
ohv4*	1.0	0.25	0.492	1.0
cmv4*	0.0	0.75	0.508	0.0
standard and adapted CIELAB				
LAB*LAB	33.01	34.28	15.77	1.84
LAB*LAB	33.01	34.28	15.77	1.84
LAB*TCa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.081	(1.0)
cmv3*	0.0	1.0	0.919	(0.0)
ohv4*	1.0	0.25	0.492	1.0
cmv4*	0.0	0.75	0.508	0.0
standard and adapted CIELAB				
LAB*LAB	25.17	17.14	7.89	1.84
LAB*LAB	25.17	17.14	7.89	1.84
LAB*TCa	12.5	18.86	24.71	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.040	(1.0)
cmv3*	0.0	1.0	0.958	(0.0)
ohv4*	1.0	0.25	0.492	1.0
cmv4*	0.0	0.75	0.508	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(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	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(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	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(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	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(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	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

relative Inform. Technology (IT)

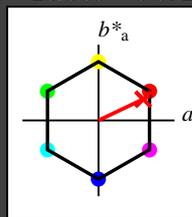
ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	18.02	0.0	1.84
LAB*LAB	18.02	18.02	0.0	1.84
LAB*TCa	18.02	18.02	0.0	1.84

**Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18**

für Buntton  $h^* = lab^*h = 25/360 = 0.071$   
 $lab^*ch$  und  $lab^*nch$

D65: Buntton R  
 LCH\*Ma: 57 74 25  
 olv\*Ma: 1.0 0.0 0.09

Dreiecks-Helligkeit  $t^*$



%Umfang

$$

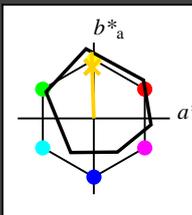
**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

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

$lab^*ich$  und  $lab^*nch$

D65: 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)

olvi3*	1.0	1.0	1.0	(1.0)
olvi2*	0.0	0.0	0.0	(0.0)
olvi1*	1.0	1.0	1.0	1.0
olvi0*	0.0	0.0	0.0	0.0
olvi-1*	0.0	0.0	0.0	0.0
olvi-2*	0.0	0.0	0.0	0.0
olvi-3*	0.0	0.0	0.0	0.0
olvi-4*	0.0	0.0	0.0	0.0
olvi-5*	0.0	0.0	0.0	0.0
olvi-6*	0.0	0.0	0.0	0.0
olvi-7*	0.0	0.0	0.0	0.0
olvi-8*	0.0	0.0	0.0	0.0
olvi-9*	0.0	0.0	0.0	0.0
olvi-10*	0.0	0.0	0.0	0.0
olvi-11*	0.0	0.0	0.0	0.0
olvi-12*	0.0	0.0	0.0	0.0
olvi-13*	0.0	0.0	0.0	0.0
olvi-14*	0.0	0.0	0.0	0.0
olvi-15*	0.0	0.0	0.0	0.0
olvi-16*	0.0	0.0	0.0	0.0
olvi-17*	0.0	0.0	0.0	0.0
olvi-18*	0.0	0.0	0.0	0.0
olvi-19*	0.0	0.0	0.0	0.0
olvi-20*	0.0	0.0	0.0	0.0
olvi-21*	0.0	0.0	0.0	0.0
olvi-22*	0.0	0.0	0.0	0.0
olvi-23*	0.0	0.0	0.0	0.0
olvi-24*	0.0	0.0	0.0	0.0
olvi-25*	0.0	0.0	0.0	0.0
olvi-26*	0.0	0.0	0.0	0.0
olvi-27*	0.0	0.0	0.0	0.0
olvi-28*	0.0	0.0	0.0	0.0
olvi-29*	0.0	0.0	0.0	0.0
olvi-30*	0.0	0.0	0.0	0.0
olvi-31*	0.0	0.0	0.0	0.0
olvi-32*	0.0	0.0	0.0	0.0
olvi-33*	0.0	0.0	0.0	0.0
olvi-34*	0.0	0.0	0.0	0.0
olvi-35*	0.0	0.0	0.0	0.0
olvi-36*	0.0	0.0	0.0	0.0
olvi-37*	0.0	0.0	0.0	0.0
olvi-38*	0.0	0.0	0.0	0.0
olvi-39*	0.0	0.0	0.0	0.0
olvi-40*	0.0	0.0	0.0	0.0
olvi-41*	0.0	0.0	0.0	0.0
olvi-42*	0.0	0.0	0.0	0.0
olvi-43*	0.0	0.0	0.0	0.0
olvi-44*	0.0	0.0	0.0	0.0
olvi-45*	0.0	0.0	0.0	0.0
olvi-46*	0.0	0.0	0.0	0.0
olvi-47*	0.0	0.0	0.0	0.0
olvi-48*	0.0	0.0	0.0	0.0
olvi-49*	0.0	0.0	0.0	0.0
olvi-50*	0.0	0.0	0.0	0.0
olvi-51*	0.0	0.0	0.0	0.0
olvi-52*	0.0	0.0	0.0	0.0
olvi-53*	0.0	0.0	0.0	0.0
olvi-54*	0.0	0.0	0.0	0.0
olvi-55*	0.0	0.0	0.0	0.0
olvi-56*	0.0	0.0	0.0	0.0
olvi-57*	0.0	0.0	0.0	0.0
olvi-58*	0.0	0.0	0.0	0.0
olvi-59*	0.0	0.0	0.0	0.0
olvi-60*	0.0	0.0	0.0	0.0
olvi-61*	0.0	0.0	0.0	0.0
olvi-62*	0.0	0.0	0.0	0.0
olvi-63*	0.0	0.0	0.0	0.0
olvi-64*	0.0	0.0	0.0	0.0
olvi-65*	0.0	0.0	0.0	0.0
olvi-66*	0.0	0.0	0.0	0.0
olvi-67*	0.0	0.0	0.0	0.0
olvi-68*	0.0	0.0	0.0	0.0
olvi-69*	0.0	0.0	0.0	0.0
olvi-70*	0.0	0.0	0.0	0.0
olvi-71*	0.0	0.0	0.0	0.0
olvi-72*	0.0	0.0	0.0	0.0
olvi-73*	0.0	0.0	0.0	0.0
olvi-74*	0.0	0.0	0.0	0.0
olvi-75*	0.0	0.0	0.0	0.0
olvi-76*	0.0	0.0	0.0	0.0
olvi-77*	0.0	0.0	0.0	0.0
olvi-78*	0.0	0.0	0.0	0.0
olvi-79*	0.0	0.0	0.0	0.0
olvi-80*	0.0	0.0	0.0	0.0
olvi-81*	0.0	0.0	0.0	0.0
olvi-82*	0.0	0.0	0.0	0.0
olvi-83*	0.0	0.0	0.0	0.0
olvi-84*	0.0	0.0	0.0	0.0
olvi-85*	0.0	0.0	0.0	0.0
olvi-86*	0.0	0.0	0.0	0.0
olvi-87*	0.0	0.0	0.0	0.0
olvi-88*	0.0	0.0	0.0	0.0
olvi-89*	0.0	0.0	0.0	0.0
olvi-90*	0.0	0.0	0.0	0.0
olvi-91*	0.0	0.0	0.0	0.0
olvi-92*	0.0	0.0	0.0	0.0
olvi-93*	0.0	0.0	0.0	0.0
olvi-94*	0.0	0.0	0.0	0.0
olvi-95*	0.0	0.0	0.0	0.0
olvi-96*	0.0	0.0	0.0	0.0
olvi-97*	0.0	0.0	0.0	0.0
olvi-98*	0.0	0.0	0.0	0.0
olvi-99*	0.0	0.0	0.0	0.0
olvi-100*	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.975	0.75	(1.0)
olvi2*	0.0	0.025	0.25	(0.0)
olvi1*	1.0	0.975	0.75	1.0
olvi0*	0.0	0.025	0.25	0.0
olvi-1*	0.0	0.025	0.25	0.0
olvi-2*	0.0	0.025	0.25	0.0
olvi-3*	0.0	0.025	0.25	0.0
olvi-4*	0.0	0.025	0.25	0.0
olvi-5*	0.0	0.025	0.25	0.0
olvi-6*	0.0	0.025	0.25	0.0
olvi-7*	0.0	0.025	0.25	0.0
olvi-8*	0.0	0.025	0.25	0.0
olvi-9*	0.0	0.025	0.25	0.0
olvi-10*	0.0	0.025	0.25	0.0
olvi-11*	0.0	0.025	0.25	0.0
olvi-12*	0.0	0.025	0.25	0.0
olvi-13*	0.0	0.025	0.25	0.0
olvi-14*	0.0	0.025	0.25	0.0
olvi-15*	0.0	0.025	0.25	0.0
olvi-16*	0.0	0.025	0.25	0.0
olvi-17*	0.0	0.025	0.25	0.0
olvi-18*	0.0	0.025	0.25	0.0
olvi-19*	0.0	0.025	0.25	0.0
olvi-20*	0.0	0.025	0.25	0.0
olvi-21*	0.0	0.025	0.25	0.0
olvi-22*	0.0	0.025	0.25	0.0
olvi-23*	0.0	0.025	0.25	0.0
olvi-24*	0.0	0.025	0.25	0.0
olvi-25*	0.0	0.025	0.25	0.0
olvi-26*	0.0	0.025	0.25	0.0
olvi-27*	0.0	0.025	0.25	0.0
olvi-28*	0.0	0.025	0.25	0.0
olvi-29*	0.0	0.025	0.25	0.0
olvi-30*	0.0	0.025	0.25	0.0
olvi-31*	0.0	0.025	0.25	0.0
olvi-32*	0.0	0.025	0.25	0.0
olvi-33*	0.0	0.025	0.25	0.0
olvi-34*	0.0	0.025	0.25	0.0
olvi-35*	0.0	0.025	0.25	0.0
olvi-36*	0.0	0.025	0.25	0.0
olvi-37*	0.0	0.025	0.25	0.0
olvi-38*	0.0	0.025	0.25	0.0
olvi-39*	0.0	0.025	0.25	0.0
olvi-40*	0.0	0.025	0.25	0.0
olvi-41*	0.0	0.025	0.25	0.0
olvi-42*	0.0	0.025	0.25	0.0
olvi-43*	0.0	0.025	0.25	0.0
olvi-44*	0.0	0.025	0.25	0.0
olvi-45*	0.0	0.025	0.25	0.0
olvi-46*	0.0	0.025	0.25	0.0
olvi-47*	0.0	0.025	0.25	0.0
olvi-48*	0.0	0.025	0.25	0.0
olvi-49*	0.0	0.025	0.25	0.0
olvi-50*	0.0	0.025	0.25	0.0
olvi-51*	0.0	0.025	0.25	0.0
olvi-52*	0.0	0.025	0.25	0.0
olvi-53*	0.0	0.025	0.25	0.0
olvi-54*	0.0	0.025	0.25	0.0
olvi-55*	0.0	0.025	0.25	0.0
olvi-56*	0.0	0.025	0.25	0.0
olvi-57*	0.0	0.025	0.25	0.0
olvi-58*	0.0	0.025	0.25	0.0
olvi-59*	0.0	0.025	0.25	0.0
olvi-60*	0.0	0.025	0.25	0.0
olvi-61*	0.0	0.025	0.25	0.0
olvi-62*	0.0	0.025	0.25	0.0
olvi-63*	0.0	0.025	0.25	0.0
olvi-64*	0.0	0.025	0.25	0.0
olvi-65*	0.0	0.025	0.25	0.0
olvi-66*	0.0	0.025	0.25	0.0
olvi-67*	0.0	0.025	0.25	0.0
olvi-68*	0.0	0.025	0.25	0.0
olvi-69*	0.0	0.025	0.25	0.0
olvi-70*	0.0	0.025	0.25	0.0
olvi-71*	0.0	0.025	0.25	0.0
olvi-72*	0.0	0.025	0.25	0.0
olvi-73*	0.0	0.025	0.25	0.0
olvi-74*	0.0	0.025	0.25	0.0
olvi-75*	0.0	0.025	0.25	0.0
olvi-76*	0.0	0.025	0.25	0.0
olvi-77*	0.0	0.025	0.25	0.0
olvi-78*	0.0	0.025	0.25	0.0
olvi-79*	0.0	0.025	0.25	0.0
olvi-80*	0.0	0.025	0.25	0.0
olvi-81*	0.0	0.025	0.25	0.0
olvi-82*	0.0	0.025	0.25	0.0
olvi-83*	0.0	0.025	0.25	0.0
olvi-84*	0.0	0.025	0.25	0.0
olvi-85*	0.0	0.025	0.25	0.0
olvi-86*	0.0	0.025	0.25	0.0
olvi-87*	0.0	0.025	0.25	0.0
olvi-88*	0.0	0.025	0.25	0.0
olvi-89*	0.0	0.025	0.25	0.0
olvi-90*	0.0	0.025	0.25	0.0
olvi-91*	0.0	0.025	0.25	0.0
olvi-92*	0.0	0.025	0.25	0.0
olvi-93*	0.0	0.025	0.25	0.0
olvi-94*	0.0	0.025	0.25	0.0
olvi-95*	0.0	0.025	0.25	0.0
olvi-96*	0.0	0.025	0.25	0.0
olvi-97*	0.0	0.025	0.25	0.0
olvi-98*	0.0	0.025	0.25	0.0
olvi-99*	0.0	0.025	0.25	0.0
olvi-100*	0.0	0.025	0.25	0.0

relative Inform. Technology (IT)

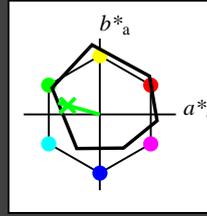
olvi3*	1.0	0.951	0.5	(1.0)
olvi2*	0.0	0.049	0.5	(0.0)
olvi1*	1.0	0.951	0.5	1.0
olvi0*	0.0	0.049	0.5	0.0
olvi-1*	0.0	0.049	0.5	0.0
olvi-2*	0.0	0.049	0.5	0.0
olvi-3*	0.0	0.049	0.5	0.0
olvi-4*	0.0	0.049	0.5	0.0
olvi-5*	0.0	0.049	0.5	0.0
olvi-6*	0.0	0.049	0.5	0.0
olvi-7*	0.0	0.049	0.5	0.0
olvi-8*	0.0	0.049	0.5	0.0
olvi-9*	0.0	0.049	0.5	0.0
olvi-10*	0.0	0.049	0.5	0.0
olvi-11*	0.0	0.049	0.5	0.0
olvi-12*	0.0	0.049	0.5	0.0
olvi-13*	0.0	0.049	0.5	0.0
olvi-14*	0.0	0.049	0.5	0.0
olvi-15*	0.0	0.049	0.5	0.0
olvi-16*	0.0	0.049	0.5	0.0
olvi-17*	0.0	0.049	0.5	0.0
olvi-18*	0.0	0.049	0.5	0.0
olvi-19*	0.0	0.049	0.5	0.0
olvi-20*	0.0	0.049	0.5	0.0
olvi-21*	0.0	0.049	0.5	0.0
olvi-22*	0.0	0.049	0.5	0.0
olvi-23*	0.0	0.049	0.5	0.0
olvi-24*	0.0	0.049	0.5	0.0
olvi-25*	0.0	0.049	0.5	0.0
olvi-26*	0.0	0.049	0.5	0.0
olvi-27*	0.0	0.049	0.5	0.0
olvi-28*	0.0	0.049	0.5	0.0
olvi-29*	0.0	0.049	0.5	0.0
olvi-				

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

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

D65: 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)

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	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCa	99.99	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	1.0	0.0	0.0	0.0
lab*ch	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	1.0	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0	0.0
lab*nce	0.0	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*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
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*TCa	75.00	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.75	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.75	0.0	0.0	0.0
lab*nce	0.75	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(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	56.71	-0.24	2.14	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*TCa	50.00	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0	0.0
lab*ch	0.5	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.5	0.0	0.0	0.0
lab*nce	0.5	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	37.36	0.0	0.83	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCa	25.00	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.25	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	0.0
lab*nce	0.0	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*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
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*TCa	0.00	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.0	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

$n^* = 1.0$

**ORS18; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	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)

ohv3*	0.5	1.0	0.623	(1.0)
cmv3*	0.5	0.0	0.377	(0.0)
ohv4*	0.5	1.0	0.623	(1.0)
cmv4*	0.0	0.0	0.377	(0.0)
standard and adapted CIELAB				
LAB*LAB	74.1	-27.4	7.62	0.0
LAB*LAB	84.75	-13.69	3.81	0.0
LAB*TCa	87.5	14.22	164.46	0.0

relative CIELAB lab\*

lab*lab	0.725	-0.481	0.134	0.0
lab*ch	0.725	0.5	0.457	0.0
lab*nch	0.0	0.5	0.457	0.0

relative Natural Colour (NC)

lab*ljr	0.725	-0.499	0.0	0.0
lab*nce	0.725	0.5	0.5	0.0
lab*nce	0.0	0.5	0.5	0.0

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.435	(1.0)
cmv3*	0.75	0.0	0.565	(0.0)
ohv4*	0.25	1.0	0.435	(1.0)
cmv4*	0.75	0.0	0.565	(0.0)
standard and adapted CIELAB				
LAB*LAB	63.45	-41.48	14.04	0.0
LAB*LAB	63.45	-11.11	11.44	0.0
LAB*TCa	62.5	42.68	164.45	0.0

relative CIELAB lab\*

lab*lab	0.587	-0.721	0.201	0.0
lab*ch	0.625	0.75	0.457	0.0
lab*nch	0.0	0.75	0.457	0.0

relative Natural Colour (NC)

lab*ljr	0.587	-0.749	0.0	0.0
lab*nce	0.625	0.75	0.5	0.0
lab*nce	0.0	0.75	0.5	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.188	(1.0)
cmv3*	1.0	0.25	0.812	(0.0)
ohv4*	0.0	0.75	0.188	(1.0)
cmv4*	1.0	0.25	0.812	(0.0)
standard and adapted CIELAB				
LAB*LAB	44.11	-41.11	12.74	0.0
LAB*LAB	44.11	-11.11	11.45	0.0
LAB*TCa	37.51	42.69	164.45	0.0

relative CIELAB lab\*

lab*lab	0.337	-0.721	0.201	0.0
lab*ch	0.375	0.75	0.457	0.0
lab*nch	0.25	0.75	0.457	0.0

relative Natural Colour (NC)

lab*ljr	0.337	-0.749	0.0	0.0
lab*nce	0.375	0.75	0.5	0.0
lab*nce	0.25	0.75	0.5	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.123	(1.0)
cmv3*	1.0	0.25	0.877	(0.0)
ohv4*	0.0	0.5	0.123	(1.0)
cmv4*	1.0	0.25	0.877	(0.0)
standard and adapted CIELAB				
LAB*LAB	35.41	-27.4	8.34	0.0
LAB*LAB	35.41	-7.4	7.63	0.0
LAB*TCa	25.01	28.46	164.44	0.0

relative CIELAB lab\*

lab*lab	0.225	-0.481	0.134	0.0
lab*ch	0.225	0.5	0.457	0.0
lab*nch	0.0	0.5	0.457	0.0

relative Natural Colour (NC)

lab*ljr	0.225	-0.499	0.0	0.0
lab*nce	0.225	0.5	0.5	0.0
lab*nce	0.0	0.5	0.5	0.0

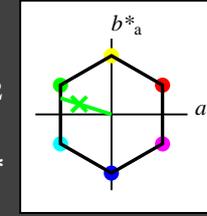
$n^* = 0.50$

**Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18**

für Buntton  $h^* = lab^*h = 162/360 = 0.451$   
 $lab^*ch$  und  $lab^*nch$

D65: Buntton G  
 LCH\*Ma: 57 70 162  
 olv\*Ma: 0.0 1.0 0.22

Dreiecks-Helligkeit  $t^*$



%Umfang  
 $u^*_{rel} = 100$

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	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCa	99.99	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	1.0	0.0	0.0	0.0
lab*ch	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	1.0	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0	0.0
lab*nce	0.0	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*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.07	0.0	0.25	0.0
LAB*LAB	76.07	0.0	0.0	0.0
LAB*TCa	75.00	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.75	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.75	0.0	0.0	0.0
lab*nce	0.75	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(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	52.8	-54.98	17.14	0.0
LAB*LAB	52.8	-54.81	15.26	0.0
LAB*TCa	50.0	56.91	164.45	0.0

relative CIELAB lab\*

lab*lab	0.5	0.0	0.0	0.0
lab*ch	0.5	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.5	0.0	0.0	0.0
lab*nce	0.5	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	37.36	0.0	0.83	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCa	25.00	0.01	0.0	0.0

relative CIELAB lab\*

lab*lab	0.25	0.0	0.0	0.0
lab*ch	0.25	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*ljr	0.25	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.123	(1.0)
cmv3*	1.0	0.25	0.877	(0.0)
ohv4*	0.0	0.75	0.123	(1.0)
cmv4*	1.0	0.25	0.877	(0.0)
standard and adapted CIELAB				
LAB*				

