

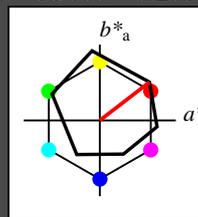
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton O
 LCH*Ma: 48 83 38
 rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

ohv13*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	4.75	1.0
LAB*LABa	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	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	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)

ohv13*	0.75	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	1.0	0.75
cmyn4*	0.0	0.0	0.0	0.25

standard and adapted CIELAB

LAB*LAB	76.06	-0.6	3.44	1.0
LAB*LABa	76.06	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	0.0	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.847	0.238	0.078	0.0
lab*nce	0.875	0.25	0.048	0.0
lab*nce	0.0	0.25	0.199	0.0

relative Inform. Technology (IT)

ohv13*	0.75	0.5	0.5	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	-0.23	2.14	1.0
LAB*LABa	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	0.5	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
ohv14*	1.0	1.0	1.0	0.25
cmyn4*	0.0	0.0	0.0	0.75

standard and adapted CIELAB

LAB*LAB	37.36	0.0	0.83	1.0
LAB*LABa	37.36	0.0	0.0	0.0
LAB*TCHa	25.0	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.347	0.198	0.153	0.0
lab*ch	0.375	0.25	0.105	0.0
lab*nch	0.0	0.25	0.105	0.0

relative Natural Colour (NC)

lab*nrj	0.347	0.239	0.078	0.0
lab*nce	0.375	0.25	0.048	0.0
lab*nce	0.0	0.25	0.199	0.0

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
ohv14*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.46	1.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	10.0	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	1.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.0	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0	0.0
lab*nce	0.0	1.0	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	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

relative Inform. Technology (IT)

ohv13*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.75	0.75	(0.0)
ohv14*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.25	0.25	0.5

standard and adapted CIELAB

LAB*LAB	71.67	32.68	28.25	1.0
LAB*LABa	71.67	32.68	28.25	0.0
LAB*TCHa	75.0	20.65	37.7	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.693	0.477	0.15	0.0
lab*nce	0.75	0.5	0.048	0.0
lab*nce	0.0	0.5	0.199	0.0

relative Inform. Technology (IT)

ohv13*	0.75	0.25	0.25	(1.0)
cmyn3*	0.25	0.75	0.75	(0.0)
ohv14*	1.0	1.0	1.0	0.25
cmyn4*	0.0	0.25	0.25	0.75

standard and adapted CIELAB

LAB*LAB	59.81	48.72	40.24	1.0
LAB*LABa	59.81	48.72	40.24	0.0
LAB*TCHa	50.0	82.6	37.7	0.0

relative CIELAB lab*

lab*lab	0.54	0.593	0.459	0.0
lab*ch	0.625	0.75	0.105	0.0
lab*nch	0.0	0.75	0.105	0.0

relative Natural Colour (NC)

lab*nrj	0.54	0.715	0.225	0.0
lab*nce	0.625	0.75	0.048	0.0
lab*nce	0.0	0.75	0.199	0.0

relative Inform. Technology (IT)

ohv13*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	1.0	1.0	(0.0)
ohv14*	1.0	1.0	1.0	0.25
cmyn4*	0.0	0.25	0.25	0.75

standard and adapted CIELAB

LAB*LAB	40.46	49.02	37.88	1.0
LAB*LABa	40.46	49.02	37.88	0.0
LAB*TCHa	37.51	61.95	37.7	0.0

relative CIELAB lab*

lab*lab	0.29	0.593	0.459	0.0
lab*ch	0.375	0.75	0.105	0.0
lab*nch	0.0	0.75	0.105	0.0

relative Natural Colour (NC)

lab*nrj	0.29	0.715	0.225	0.0
lab*nce	0.375	0.75	0.048	0.0
lab*nce	0.0	0.75	0.199	0.0

relative Inform. Technology (IT)

ohv13*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
ohv14*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.5	0.5	0.5

standard and adapted CIELAB

LAB*LAB	29.98	32.9	25.8	1.0
LAB*LABa	29.98	32.9	25.8	0.0
LAB*TCHa	25.01	41.3	37.7	0.0

relative CIELAB lab*

lab*lab	0.193	0.396	0.306	0.0
lab*ch	0.25	0.5	0.105	0.0
lab*nch	0.0	0.5	0.105	0.0

relative Natural Colour (NC)

lab*nrj	0.193	0.477	0.15	0.0
lab*nce	0.25	0.5	0.048	0.0
lab*nce	0.0	0.5	0.199	0.0

$n^* = 0.50$

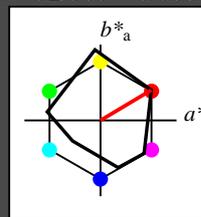
Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 31/360 = 0.086$

lab^*ch und lab^*nch

D65: Buntton R
 LCH*Ma: 50 78 31
 rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 92$

relative Inform. Technology (IT)

ohv13*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0	1.0
LAB*LABa	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	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	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)

ohv13*	0.75	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	1.0	0.75
cmyn4*	0.0	0.0	0.0	0.25

standard and adapted CIELAB

LAB*LAB	76.06	0.0	3.44	1.0
LAB*LABa	76.06	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.852	0.214	0.128	0.0
lab*ch	0.875	0.25	0.086	0.0
lab*nch	0.0	0.25	0.086	0.0

relative Natural Colour (NC)

lab*nrj	0.852	0.248	0.032	0.0
lab*nce	0.875	0.25	0.02	0.0
lab*nce	0.0	0.25	0.081	0.0

relative Inform. Technology (IT)

ohv13*	0.75	0.5	0.5	(1.0)
cmyn3*	0.0	0.75	0.75	(0.0)
ohv14*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.25	0.25	0.5

standard and adapted CIELAB

LAB*LAB	64.61	16.74	10.02	1.0
LAB*LABa	64.61	16.7	10.01	0.0
LAB*TCHa	62.5	19.47	30.93	0.0

relative CIELAB lab*

lab*lab	0.852	0.214	0.128	0.0
lab*ch	0.875	0.25	0.086	0.0
lab*nch	0.0	0.25	0.086	0.0

relative Natural Colour (NC)

lab*nrj	0.852	0.248	0.032	0.0
lab*nce	0.875	0.25	0.02	0.0
lab*nce	0.0	0.25	0.081	0.0

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
ohv14*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.5	0.5	0.5

standard and adapted CIELAB

LAB*LAB	56.71	0.05	2.14	1.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	50.0	82.6	37.7	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	0.5	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
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Eingabe: Farbmetrisches Reflexions-System ORS18

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

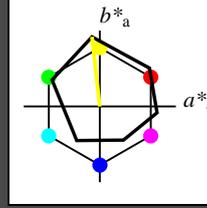
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



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

relative Inform. Technology (IT)

ohv13*	1.0	1.0	1.0	(1.0)
cmv2*	0.0	0.0	0.0	(0.0)
ohv14*	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	-0.97	4.75	4.75
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	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 Inform. Technology (IT)

ohv13*	1.0	1.0	0.75	(1.0)
cmv2*	0.0	0.0	0.25	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.25	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.75	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.25	(0.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.25	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(0.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.25	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(1.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(1.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv2*	0.0	0.0	0.0	(1.0)
ohv14*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(1.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv2*	0.0	0.0	0.0	(1.0)
ohv14*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(1.0)

relative Natural Colour (NC)

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

relative Buntheit c^*

$n^* = 1.0$

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 94/360 = 0.262$

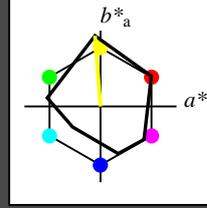
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 93 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 92$

relative Inform. Technology (IT)

ohv13*	1.0	1.0	1.0	(1.0)
cmv2*	0.0	0.0	0.25	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	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 Inform. Technology (IT)

ohv13*	1.0	1.0	0.75	(1.0)
cmv2*	0.0	0.0	0.25	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.25	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.75	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.25	(0.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.25	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(0.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.25	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(1.0)

relative CIELAB lab*

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

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.0	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(1.0)

relative Natural Colour (NC)

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

relative Buntheit c^*

$n^* = 1.0$

MRS18a; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)

ohv13*	1.0	1.0	0.5	(1.0)
cmv2*	0.0	0.0	0.75	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.5	(1.0)

relative CIELAB lab*

lab*lab	0.969	-0.038	0.498
lab*ch	0.75	0.5	0.262
lab*nch	0.0	0.5	0.262

relative Inform. Technology (IT)

ohv13*	1.0	1.0	0.25	(1.0)
cmv2*	0.0	0.0	0.75	(0.0)
ohv14*	1.0	1.0	0.25	1.0
cmv3*	0.0	0.0	0.75	0.0

relative Natural Colour (NC)

lab*lab	0.969	-0.023	0.499
lab*ch	0.75	0.25	0.258
lab*nch	0.0	0.25	0.258

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.25	(1.0)
cmv2*	0.0	0.25	0.25	(0.0)
ohv14*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0		

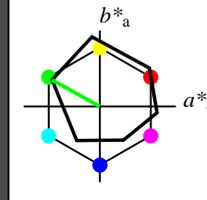
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton L
 LCH*Ma: 51 72 151
 rgb*Ma: 0.0 1.0 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 -0.97 47.5
 LAB*LABa 95.41 0.0 0.0
 LAB*TCHa 99.99 0.01 -

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 -0.6 3.44
 LAB*LABa 76.06 0.0 0.0
 LAB*TCHa 75.00 0.01 -

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 -0.23 2.14
 LAB*LABa 56.71 0.0 0.0
 LAB*TCHa 50.00 0.01 -

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 0.38 0.83
 LAB*LABa 37.36 0.0 0.0
 LAB*TCHa 25.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
QMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

relative Inform. Technology (IT)
 ohv3* 0.5 1.0 0.5 (1.0)
 cmv3* 0.5 0.0 0.5 (0.0)
 ohv4* 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 -31.38 17.47
 LAB*LABa 73.15 0.0 0.0
 LAB*TCHa 75.0 35.93 150.91

relative Inform. Technology (IT)
 ohv3* 0.25 1.0 0.25 (1.0)
 cmv3* 0.75 0.0 0.75 (0.0)
 ohv4* 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 -47.43 28.71
 LAB*LABa 62.02 0.0 0.0
 LAB*TCHa 62.5 53.9 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 1.0 0.0 (1.0)
 cmv3* 0.0 0.0 1.0 (0.0)
 ohv4* 0.0 1.0 0.0 (1.0)
 cmv4* 0.0 0.0 1.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 50.9 -62.79 34.94
 LAB*LABa 50.9 0.0 0.0
 LAB*TCHa 50.0 71.86 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.5 0.5 (1.0)
 cmv3* 0.5 0.5 0.5 (0.0)
 ohv4* 0.5 1.0 0.5 (1.0)
 cmv4* 0.5 0.5 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 58.8 -31.39 17.47
 LAB*LABa 58.8 0.0 0.0
 LAB*TCHa 50.0 35.94 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.25 0.25 (1.0)
 cmv3* 0.75 0.25 0.75 (0.0)
 ohv4* 0.5 1.0 0.5 (1.0)
 cmv4* 0.5 0.25 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.8 -31.57 19.42
 LAB*LABa 53.8 0.0 0.0
 LAB*TCHa 50.0 35.94 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.5 (1.0)
 cmv3* 0.0 0.5 0.5 (0.0)
 ohv4* 0.0 0.5 0.5 (1.0)
 cmv4* 0.0 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.88 -17.46 27.41
 LAB*LABa 43.88 0.0 0.0
 LAB*TCHa 37.51 53.9 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 0.0 0.5 0.5 (0.0)
 ohv4* 0.0 0.5 0.5 (1.0)
 cmv4* 0.0 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.51 53.9 150.91
 LAB*LABa 37.51 0.0 0.0
 LAB*TCHa 25.00 0.01 -

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 0.0 0.0 0.5 (0.0)
 ohv4* 0.0 0.0 0.5 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.36 0.38 0.83
 LAB*LABa 37.36 0.0 0.0
 LAB*TCHa 25.00 0.01 -

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 0.0 0.0 0.0 (0.0)
 ohv4* 0.0 0.0 0.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 0.0 0.0 0.0 (0.0)
 ohv4* 0.0 0.0 0.0 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

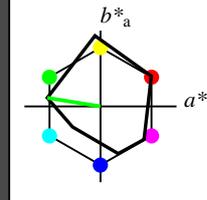
Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 171/360 = 0.475$

lab^*ch und lab^*nch

D65: Buntton G
 LCH*Ma: 52 71 171
 rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 92$

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

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 0.0 0.0
 LAB*LABa 76.06 0.0 0.0
 LAB*TCHa 75.00 0.01 -

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 -0.23 2.14
 LAB*LABa 56.71 0.0 0.0
 LAB*TCHa 50.00 0.01 -

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 0.38 0.83
 LAB*LABa 37.36 0.0 0.0
 LAB*TCHa 25.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

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 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 18.00 0.01 -

MRS18a; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)
 ohv3* 0.5 1.0 0.5 (1.0)
 cmv3* 0.5 0.0 0.5 (0.0)
 ohv4* 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 -31.38 17.47
 LAB*LABa 73.15 0.0 0.0
 LAB*TCHa 75.0 35.93 150.91

relative Inform. Technology (IT)
 ohv3* 0.25 1.0 0.25 (1.0)
 cmv3* 0.75 0.0 0.75 (0.0)
 ohv4* 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 -47.43 28.71
 LAB*LABa 62.02 0.0 0.0
 LAB*TCHa 62.5 53.9 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 1.0 0.0 (1.0)
 cmv3* 0.0 0.0 1.0 (0.0)
 ohv4* 0.0 1.0 0.0 (1.0)
 cmv4* 0.0 0.0 1.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 50.9 -62.79 34.94
 LAB*LABa 50.9 0.0 0.0
 LAB*TCHa 50.0 71.86 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.5 0.5 (1.0)
 cmv3* 0.5 0.5 0.5 (0.0)
 ohv4* 0.5 1.0 0.5 (1.0)
 cmv4* 0.5 0.5 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 58.8 -31.39 17.47
 LAB*LABa 58.8 0.0 0.0
 LAB*TCHa 50.0 35.94 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.25 0.25 (1.0)
 cmv3* 0.75 0.25 0.75 (0.0)
 ohv4* 0.5 1.0 0.5 (1.0)
 cmv4* 0.5 0.25 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.8 -31.57 19.42
 LAB*LABa 53.8 0.0 0.0
 LAB*TCHa 50.0 35.94 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.5 (1.0)
 cmv3* 0.0 0.5 0.5 (0.0)
 ohv4* 0.0 0.5 0.5 (1.0)
 cmv4* 0.0 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.88 -17.46 27.41
 LAB*LABa 43.88 0.0 0.0
 LAB*TCHa 37.51 53.9 150.91

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 0.0 0.5 0.5 (0.0)
 ohv4* 0.0 0.5 0.5 (1.0)
 cmv4* 0.0 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.51 53.9 150.91
 LAB*LABa 37.51 0.0 0.0
 LAB*TCHa 25.00 0.01 -

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 0.0 0.0 0.5 (0.0)
 ohv4* 0.0 0.0 0.5 (1.0)
 cmv4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.36 0.38 0.83
 LAB*LABa 37.36 0.0 0.0
 LAB*TCHa 25.00 0.01 -

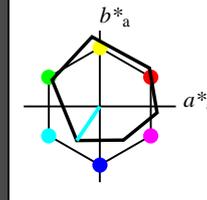
relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmv3* 0.0 0.0 0.0 (0.0)
 ohv4* 0.0 0.0 0.0 (1.0)

Eingabe: Farbmetrisches Reflexions-System ORS18

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

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

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ov3*	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	-0.97	4.75	6.77
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	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*nrj	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)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	6.77
LAB*LABa	76.06	0.0	0.0	0.0
LAB*LABb	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	0.25	0.0	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	86.21	-8.38	-7.1	6.77
LAB*LABa	86.21	-7.58	-11.24	0.0
LAB*LABb	87.5	13.57	236.01	0.0

relative CIELAB lab*

lab*lab	0.881	-0.139	-0.206	0.0
lab*ch	0.875	0.25	0.656	0.0
lab*nch	0.0	0.25	0.656	0.0

relative Natural Colour (NC)

lab*nrj	0.881	-0.123	-0.216	0.0
lab*nce	0.875	0.25	0.656	0.0
lab*nce	0.0	0.25	0.656	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.75	0.75	(1.0)
cmv3*	0.25	0.75	0.75	(0.0)
ov3*	0.75	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	66.86	-8.01	-8.41	6.77
LAB*LABa	66.86	-7.58	-11.25	0.0
LAB*LABb	62.5	13.58	236.01	0.0

relative CIELAB lab*

lab*lab	0.631	-0.139	-0.206	0.0
lab*ch	0.625	0.25	0.656	0.0
lab*nch	0.25	0.25	0.656	0.0

relative Natural Colour (NC)

lab*nrj	0.631	-0.123	-0.216	0.0
lab*nce	0.625	0.25	0.656	0.0
lab*nce	0.25	0.25	0.656	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.75	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
ov3*	0.5	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	6.77
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.01	0.0	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	0.25	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0	0.0
lab*nce	0.5	0.0	0.0	0.0
lab*nce	0.25	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	37.38	-1.02	0.83	6.77
LAB*LABa	37.38	0.0	0.0	0.0
LAB*LABb	25.0	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.381	-0.139	-0.206	0.0
lab*ch	0.375	0.25	0.656	0.0
lab*nch	0.25	0.25	0.656	0.0

relative Natural Colour (NC)

lab*nrj	0.381	-0.123	-0.216	0.0
lab*nce	0.375	0.25	0.656	0.0
lab*nce	0.25	0.25	0.656	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.75	0.75	(1.0)
cmv3*	1.0	0.5	0.5	(0.0)
ov3*	0.5	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	28.17	-7.58	-11.24	6.77
LAB*LABa	28.17	-7.58	-11.24	0.0
LAB*LABb	12.5	13.57	236.01	0.0

relative CIELAB lab*

lab*lab	0.131	-0.139	-0.206	0.0
lab*ch	0.125	0.25	0.656	0.0
lab*nch	0.25	0.25	0.656	0.0

relative Natural Colour (NC)

lab*nrj	0.125	0.25	0.656	0.0
lab*nce	0.125	0.25	0.656	0.0
lab*nce	0.25	0.25	0.656	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.0	6.77
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	0.01	0.0	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	1.0	0.0	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.0	6.77
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	0.01	0.0	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	1.0	0.0	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.0	6.77
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	0.01	0.0	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	1.0	0.0	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.0	6.77
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	0.01	0.0	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	1.0	0.0	0.0	0.0

relative Natural Colour (NC)

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

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
QMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

relative Inform. Technology (IT)

obv3*	0.5	1.0	1.0	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ov3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	77.01	-15.16	-22.5	6.77
LAB*LABa	77.01	-15.16	-22.5	0.0
LAB*LABb	75.0	27.15	236.01	0.0

relative CIELAB lab*

lab*lab	0.762	-0.278	-0.413	0.0
lab*ch	0.75	0.5	0.656	0.0
lab*nch	0.0	0.5	0.656	0.0

relative Natural Colour (NC)

lab*nrj	0.762	-0.247	-0.433	0.0
lab*nce	0.75	0.5	0.656	0.0
lab*nce	0.0	0.5	0.656	0.0

relative Inform. Technology (IT)

obv3*	0.25	1.0	1.0	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
ov3*	0.25	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	67.81	-23.21	-30.86	6.77
LAB*LABa	67.81	-23.21	-30.86	0.0
LAB*LABb	62.5	40.72	236.01	0.0

relative CIELAB lab*

lab*lab	0.642	-0.418	-0.621	0.0
lab*ch	0.625	0.75	0.656	0.0
lab*nch	0.0	0.75	0.656	0.0

relative Natural Colour (NC)

lab*nrj	0.642	-0.371	-0.65	0.0
lab*nce	0.625	0.75	0.656	0.0
lab*nce	0.0	0.75	0.656	0.0

relative Inform. Technology (IT)

obv3*	0.0	1.0	1.0	(1.0)
cmv3*	1.0	0.0	0.0	(0.0)
ov3*	0.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	58.62	-30.62	-42.73	6.77
LAB*LABa	58.62	-30.34	-45.01	0.0
LAB*LABb	50.0	54.29	236.01	0.0

relative CIELAB lab*

lab*lab	0.528	-0.558	-0.828	0.0
lab*ch	0.5	1.0	0.656	0.0
lab*nch	0.0	1.0	0.656	0.0

relative Natural Colour (NC)

lab*nrj	0.528	-0.496	-0.867	0.0
lab*nce	0.5	1.0	0.656	0.0
lab*nce	0.0	1.0	0.656	0.0

relative Inform. Technology (IT)

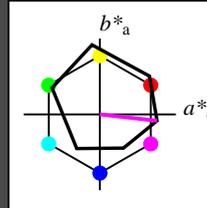
obv3*	0.0	0.75	0.75	(1.0)
cmv3*	1.0	0.25	0.25	(0.0)
ov3*	0.0	0.75	0.75	1.0
cmv3*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.4	-23.83	-32.16	6.77
LAB*LABa	48.47	-23.7		

Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton M
 LCH*Ma: 48 76 354
 rgb*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	-0.97	4.75	4.65
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	1.0	(1.0)
cmv3*	0.0	0.25	0.5	(0.0)
ohv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.59	18.86	1.87	1.87
LAB*LABa	83.59	18.81	-2.08	2.08
LAB*TCHa	87.5	18.92	353.66	353.66

relative Inform. Technology (IT)

ohv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.77	37.63	-1.17	1.17
LAB*LABa	71.77	37.63	-1.17	1.17
LAB*TCHa	75.0	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.5	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.95	56.14	-3.9	3.9
LAB*LABa	59.95	56.14	-3.9	3.9
LAB*TCHa	52.5	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	1.0	0.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	0.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.14	75.18	-6.78	6.78
LAB*LABa	48.14	75.25	-8.35	8.35
LAB*TCHa	50.0	75.71	353.66	353.66

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	-0.6	3.44	3.44
LAB*LABa	76.06	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.75	(1.0)
cmv3*	0.25	0.5	0.5	(0.0)
ohv4*	1.0	0.75	1.0	(1.0)
cmv4*	0.0	0.25	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	64.24	18.43	0.56	0.56
LAB*LABa	64.24	18.82	-2.08	2.08
LAB*TCHa	62.5	18.93	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.75	(1.0)
cmv3*	0.25	0.5	0.5	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	52.42	37.48	-2.31	2.31
LAB*LABa	52.42	37.63	-1.17	1.17
LAB*TCHa	50.0	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.14	75.18	-6.78	6.78
LAB*LABa	48.14	75.25	-8.35	8.35
LAB*TCHa	50.0	75.71	353.66	353.66

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	0.05	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	50.0	0.01	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	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	2.14
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	50.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.5	0.0	0.0	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	44.28	18.82	-0.73	0.73
LAB*LABa	44.28	18.82	-0.73	0.73
LAB*TCHa	37.5	18.93	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.5	0.0	0.0	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	40.61	56.51	-5.2	5.2
LAB*LABa	40.61	56.44	-6.26	6.26
LAB*TCHa	37.51	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.51	56.79	353.66	353.66
LAB*LABa	37.51	56.79	353.66	353.66
LAB*TCHa	37.51	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(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	37.51	56.79	353.66	353.66
LAB*LABa	37.51	56.79	353.66	353.66
LAB*TCHa	37.51	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	37.51	56.79	353.66	353.66
LAB*LABa	37.51	56.79	353.66	353.66
LAB*TCHa	37.51	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	37.51	56.79	353.66	353.66
LAB*LABa	37.51	56.79	353.66	353.66
LAB*TCHa	37.51	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	37.51	56.79	353.66	353.66
LAB*LABa	37.51	56.79	353.66	353.66
LAB*TCHa	37.51	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	37.51	56.79	353.66	353.66
LAB*LABa	37.51	56.79	353.66	353.66
LAB*TCHa	37.51	56.79	353.66	353.66

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.5	0.0	0.5	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.63	-1.17	1.17
LAB*LABa	33.08	37.63	-1.17	1.17
LAB*TCHa	25.01	37.86	353.66	353.66

relative Inform. Technology (IT)

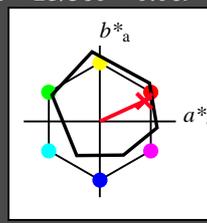
ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0			

Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton R
 LCH*Ma: 48 75 25
 rgb*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	-0.97	4.75	1.84
LAB*LAB	95.41	0.00	0.00	0.00
LAB*TCiHa	99.99	0.01	-	-

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	17.13	7.88	1.84
LAB*TCiHa	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	34.27	15.76	1.84
LAB*TCiHa	75.0	37.72	24.69	1.84

%Regularität

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

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	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	1.84
LAB*LAB	76.06	0.0	0.0	1.84
LAB*TCiHa	75.0	0.01	-	1.84

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.581	(1.0)
cmv3*	0.0	0.25	0.419	(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	16.76	10.54	1.84
LAB*LAB	64.21	17.14	7.88	1.84
LAB*TCiHa	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	(1.0)
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	34.28	15.77	1.84
LAB*TCiHa	50.0	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(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	48.01	68.48	33.09	1.84
LAB*LAB	48.01	68.55	31.53	1.84
LAB*TCiHa	50.0	75.45	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.376	(1.0)
cmv3*	0.25	0.75	0.624	(1.0)
ohv4*	1.0	0.5	0.661	(1.0)
cmv4*	0.0	0.5	0.339	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.51	56.59	24.7	1.84
LAB*LAB	37.51	56.59	24.7	1.84
LAB*TCiHa	37.51	56.59	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	33.07	32.98	15.72	1.84
LAB*LAB	33.07	32.98	15.72	1.84
LAB*TCiHa	37.5	18.23	25.49	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(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	25.0	0.01	-	1.84
LAB*LAB	25.0	0.01	-	1.84
LAB*TCiHa	25.0	0.01	-	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.1	0.161	(1.0)
cmv3*	0.5	0.75	0.669	(1.0)
ohv4*	1.0	0.75	0.831	(1.0)
cmv4*	0.0	0.25	0.169	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.75	14.9	8.53	1.84
LAB*LAB	25.75	14.9	8.53	1.84
LAB*TCiHa	25.0	0.01	-	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.5	0.5	0.5	(1.0)
ohv4*	1.0	0.5	0.661	(1.0)
cmv4*	0.0	0.5	0.339	(0.0)
standard and adapted CIELAB				
LAB*LAB	23.01	34.27	15.77	1.84
LAB*LAB	23.01	34.27	15.77	1.84
LAB*TCiHa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.25	0.0	0.0	(1.0)
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	51.49	27.7	1.84
LAB*LAB	40.51	51.49	27.7	1.84
LAB*TCiHa	37.51	56.59	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.25	0.0	0.0	(1.0)
ohv4*	1.0	0.0	0.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.07	32.98	15.72	1.84
LAB*LAB	33.07	32.98	15.72	1.84
LAB*TCiHa	37.5	18.23	25.49	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.25	0.0	0.0	(1.0)
ohv4*	1.0	0.0	0.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.0	0.01	-	1.84
LAB*LAB	25.0	0.01	-	1.84
LAB*TCiHa	25.0	0.01	-	1.84

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

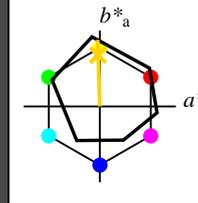
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton J
 LCH*Ma: 86 88 92
 rgb*Ma: 1.0 0.9 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
ohv21*	0.0	0.0	0.0	0.0
ohv22*	0.0	0.0	0.0	0.0
ohv23*	0.0	0.0	0.0	0.0
ohv24*	0.0	0.0	0.0	0.0
ohv25*	0.0	0.0	0.0	0.0
ohv26*	0.0	0.0	0.0	0.0
ohv27*	0.0	0.0	0.0	0.0
ohv28*	0.0	0.0	0.0	0.0
ohv29*	0.0	0.0	0.0	0.0
ohv30*	0.0	0.0	0.0	0.0
ohv31*	0.0	0.0	0.0	0.0
ohv32*	0.0	0.0	0.0	0.0
ohv33*	0.0	0.0	0.0	0.0
ohv34*	0.0	0.0	0.0	0.0
ohv35*	0.0	0.0	0.0	0.0
ohv36*	0.0	0.0	0.0	0.0
ohv37*	0.0	0.0	0.0	0.0
ohv38*	0.0	0.0	0.0	0.0
ohv39*	0.0	0.0	0.0	0.0
ohv40*	0.0	0.0	0.0	0.0
ohv41*	0.0	0.0	0.0	0.0
ohv42*	0.0	0.0	0.0	0.0
ohv43*	0.0	0.0	0.0	0.0
ohv44*	0.0	0.0	0.0	0.0
ohv45*	0.0	0.0	0.0	0.0
ohv46*	0.0	0.0	0.0	0.0
ohv47*	0.0	0.0	0.0	0.0
ohv48*	0.0	0.0	0.0	0.0
ohv49*	0.0	0.0	0.0	0.0
ohv50*	0.0	0.0	0.0	0.0
ohv51*	0.0	0.0	0.0	0.0
ohv52*	0.0	0.0	0.0	0.0
ohv53*	0.0	0.0	0.0	0.0
ohv54*	0.0	0.0	0.0	0.0
ohv55*	0.0	0.0	0.0	0.0
ohv56*	0.0	0.0	0.0	0.0
ohv57*	0.0	0.0	0.0	0.0
ohv58*	0.0	0.0	0.0	0.0
ohv59*	0.0	0.0	0.0	0.0
ohv60*	0.0	0.0	0.0	0.0
ohv61*	0.0	0.0	0.0	0.0
ohv62*	0.0	0.0	0.0	0.0
ohv63*	0.0	0.0	0.0	0.0
ohv64*	0.0	0.0	0.0	0.0
ohv65*	0.0	0.0	0.0	0.0
ohv66*	0.0	0.0	0.0	0.0
ohv67*	0.0	0.0	0.0	0.0
ohv68*	0.0	0.0	0.0	0.0
ohv69*	0.0	0.0	0.0	0.0
ohv70*	0.0	0.0	0.0	0.0
ohv71*	0.0	0.0	0.0	0.0
ohv72*	0.0	0.0	0.0	0.0
ohv73*	0.0	0.0	0.0	0.0
ohv74*	0.0	0.0	0.0	0.0
ohv75*	0.0	0.0	0.0	0.0
ohv76*	0.0	0.0	0.0	0.0
ohv77*	0.0	0.0	0.0	0.0
ohv78*	0.0	0.0	0.0	0.0
ohv79*	0.0	0.0	0.0	0.0
ohv80*	0.0	0.0	0.0	0.0
ohv81*	0.0	0.0	0.0	0.0
ohv82*	0.0	0.0	0.0	0.0
ohv83*	0.0	0.0	0.0	0.0
ohv84*	0.0	0.0	0.0	0.0
ohv85*	0.0	0.0	0.0	0.0
ohv86*	0.0	0.0	0.0	0.0
ohv87*	0.0	0.0	0.0	0.0
ohv88*	0.0	0.0	0.0	0.0
ohv89*	0.0	0.0	0.0	0.0
ohv90*	0.0	0.0	0.0	0.0
ohv91*	0.0	0.0	0.0	0.0
ohv92*	0.0	0.0	0.0	0.0
ohv93*	0.0	0.0	0.0	0.0
ohv94*	0.0	0.0	0.0	0.0
ohv95*	0.0	0.0	0.0	0.0
ohv96*	0.0	0.0	0.0	0.0
ohv97*	0.0	0.0	0.0	0.0
ohv98*	0.0	0.0	0.0	0.0
ohv99*	0.0	0.0	0.0	0.0
ohv100*	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	1.0	0.975	0.75	(1.0)
ohv2*	0.0	0.025	0.25	(0.0)
ohv3*	1.0	0.975	0.75	1.0
ohv4*	0.0	0.025	0.25	0.0
ohv5*	1.0	0.975	0.75	1.0
ohv6*	0.0	0.025	0.25	0.0
ohv7*	1.0	0.975	0.75	1.0
ohv8*	0.0	0.025	0.25	0.0
ohv9*	1.0	0.975	0.75	1.0
ohv10*	0.0	0.025	0.25	0.0
ohv11*	1.0	0.975	0.75	1.0
ohv12*	0.0	0.025	0.25	0.0
ohv13*	1.0	0.975	0.75	1.0
ohv14*	0.0	0.025	0.25	0.0
ohv15*	1.0	0.975	0.75	1.0
ohv16*	0.0	0.025	0.25	0.0
ohv17*	1.0	0.975	0.75	1.0
ohv18*	0.0	0.025	0.25	0.0
ohv19*	1.0	0.975	0.75	1.0
ohv20*	0.0	0.025	0.25	0.0
ohv21*	1.0	0.975	0.75	1.0
ohv22*	0.0	0.025	0.25	0.0
ohv23*	1.0	0.975	0.75	1.0
ohv24*	0.0	0.025	0.25	0.0
ohv25*	1.0	0.975	0.75	1.0
ohv26*	0.0	0.025	0.25	0.0
ohv27*	1.0	0.975	0.75	1.0
ohv28*	0.0	0.025	0.25	0.0
ohv29*	1.0	0.975	0.75	1.0
ohv30*	0.0	0.025	0.25	0.0
ohv31*	1.0	0.975	0.75	1.0
ohv32*	0.0	0.025	0.25	0.0
ohv33*	1.0	0.975	0.75	1.0
ohv34*	0.0	0.025	0.25	0.0
ohv35*	1.0	0.975	0.75	1.0
ohv36*	0.0	0.025	0.25	0.0
ohv37*	1.0	0.975	0.75	1.0
ohv38*	0.0	0.025	0.25	0.0
ohv39*	1.0	0.975	0.75	1.0
ohv40*	0.0	0.025	0.25	0.0
ohv41*	1.0	0.975	0.75	1.0
ohv42*	0.0	0.025	0.25	0.0
ohv43*	1.0	0.975	0.75	1.0
ohv44*	0.0	0.025	0.25	0.0
ohv45*	1.0	0.975	0.75	1.0
ohv46*	0.0	0.025	0.25	0.0
ohv47*	1.0	0.975	0.75	1.0
ohv48*	0.0	0.025	0.25	0.0
ohv49*	1.0	0.975	0.75	1.0
ohv50*	0.0	0.025	0.25	0.0
ohv51*	1.0	0.975	0.75	1.0
ohv52*	0.0	0.025	0.25	0.0
ohv53*	1.0	0.975	0.75	1.0
ohv54*	0.0	0.025	0.25	0.0
ohv55*	1.0	0.975	0.75	1.0
ohv56*	0.0	0.025	0.25	0.0
ohv57*	1.0	0.975	0.75	1.0
ohv58*	0.0	0.025	0.25	0.0
ohv59*	1.0	0.975	0.75	1.0
ohv60*	0.0	0.025	0.25	0.0
ohv61*	1.0	0.975	0.75	1.0
ohv62*	0.0	0.025	0.25	0.0
ohv63*	1.0	0.975	0.75	1.0
ohv64*	0.0	0.025	0.25	0.0
ohv65*	1.0	0.975	0.75	1.0
ohv66*	0.0	0.025	0.25	0.0
ohv67*	1.0	0.975	0.75	1.0
ohv68*	0.0	0.025	0.25	0.0
ohv69*	1.0	0.975	0.75	1.0
ohv70*	0.0	0.025	0.25	0.0
ohv71*	1.0	0.975	0.75	1.0
ohv72*	0.0	0.025	0.25	0.0
ohv73*	1.0	0.975	0.75	1.0
ohv74*	0.0	0.025	0.25	0.0
ohv75*	1.0	0.975	0.75	1.0
ohv76*	0.0	0.025	0.25	0.0
ohv77*	1.0	0.975	0.75	1.0
ohv78*	0.0	0.025	0.25	0.0
ohv79*	1.0	0.975	0.75	1.0
ohv80*	0.0	0.025	0.25	0.0
ohv81*	1.0	0.975	0.75	1.0
ohv82*	0.0	0.025	0.25	0.0
ohv83*	1.0	0.975	0.75	1.0
ohv84*	0.0	0.025	0.25	0.0
ohv85*	1.0	0.975	0.75	1.0
ohv86*	0.0	0.025	0.25	0.0
ohv87*	1.0	0.975	0.75	1.0
ohv88*	0.0	0.025	0.25	0.0
ohv89*	1.0	0.975	0.75	1.0
ohv90*	0.0	0.025	0.25	0.0
ohv91*	1.0	0.975	0.75	1.0
ohv92*	0.0	0.025	0.25	0.0
ohv93*	1.0	0.975	0.75	1.0
ohv94*	0.0	0.025	0.25	0.0
ohv95*	1.0	0.975	0.75	1.0
ohv96*	0.0	0.025	0.25	0.0
ohv97*	1.0	0.975	0.75	1.0
ohv98*	0.0	0.025	0.25	0.0
ohv99*	1.0	0.975	0.75	1.0
ohv100*	0.0	0.025	0.25	0.0

relative Inform. Technology (IT)

ohv1*	1.0	0.951	0.5	(1.0)
ohv2*	0.0	0.049	0.5	(0.0)
ohv3*	1.0	0.951	0.5	1.0
ohv4*	0.0	0.049	0.5	0.0
ohv5*	1.0	0.951	0.5	1.0
ohv6*	0.0	0.049	0.5	0.0
ohv7*	1.0	0.951	0.5	1.0
ohv8*	0.0	0.049	0.5	0.0
ohv9*	1.0	0.951	0.5	1.0
ohv10*	0.0	0.049	0.5	0.0
ohv11*	1.0	0.951	0.5	1.0
ohv12*	0.0	0.049	0.5	0.0
ohv13*	1.0	0.951	0.5	1.0
ohv14*	0.0	0.049	0.5	0.0
ohv15*	1.0	0.951	0.5	1.0
ohv16*	0.0	0.049	0.5	0.0
ohv17*	1.0	0.951	0.5	1.0
ohv18*	0.0	0.049	0.5	0.0
ohv19*	1.0	0.951	0.5	1.0
ohv20*	0.0	0.049	0.5	0.0
ohv21*	1.0	0.951	0.5	1.0
ohv22*	0.0	0.049	0.5	0.0
ohv23*	1.0	0.951	0.5	1.0
ohv24*	0.0	0.049	0.5	0.0
ohv25*	1.0	0.951	0.5	1.0
ohv26*	0.0	0.049	0.5	0.0
ohv27*	1.0	0.951	0.5	1.0
ohv28*	0.0	0.049	0.5	0.0
ohv29*	1.0	0.951	0.5	1.0
ohv30*	0.0	0.049	0.5	0.0
ohv31*	1.0	0.951	0.5	1.0
ohv32*	0.0	0.049	0.5	0.0
ohv33*	1.0	0.951	0.5	1.0
ohv34*	0.0	0.049	0.5	0.0
ohv35*	1.0	0.951	0.5	1.0
ohv36*	0.0	0.049	0.5	0.0
ohv37*	1.0	0.951	0.5	1.0
ohv38*	0.0	0.049	0.5	0.0
ohv39*	1.0	0.951	0.5	1.0
ohv40*	0.0	0.049	0.5	0.0
ohv41*	1.0	0.951	0.5	1.0
ohv42*	0.0	0.049	0.5	0.0
ohv43*	1.0	0.951	0.5	1.0
ohv44*	0.0	0.049	0.5	0.0
ohv45*	1.0	0.951	0.5	1.0
ohv46*	0.0	0.049	0	

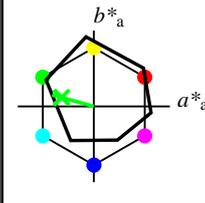
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton G
 LCH*Ma: 53 57 164
 rgb*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

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	-0.97	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 Inform. Technology (IT)

ohv3*	0.75	1.0	0.812	(1.0)
cmv3*	0.25	0.0	0.188	(0.0)
ohv4*	0.75	1.0	0.812	1.0
cmv4*	0.25	0.0	0.188	0.0
standard and adapted CIELAB				
LAB*LAB	84.75	-14.46	7.85	0.0
LAB*LAB	84.75	-13.69	3.81	0.0
LAB*TCa	87.5	14.22	164.46	0.0

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*	0.5	0.0	0.377	0.0
standard and adapted CIELAB				
LAB*LAB	74.1	-27.96	10.94	0.0
LAB*LAB	74.1	-27.39	7.62	0.0
LAB*TCa	75.0	28.44	164.46	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	-41.46	14.03	0.0
LAB*LAB	63.45	-41.09	11.43	0.0
LAB*TCa	62.5	42.66	164.46	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.246	(1.0)
cmv3*	1.0	0.0	0.754	(0.0)
ohv4*	0.0	1.0	0.246	1.0
cmv4*	1.0	0.0	0.754	0.0
standard and adapted CIELAB				
LAB*LAB	52.8	-54.95	17.13	0.0
LAB*LAB	52.8	-54.79	15.24	0.0
LAB*TCa	50.0	56.88	164.46	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	0.0	0.5	0.5	0.0
cmv4*	0.5	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	0.05	0.0	0.0
LAB*LAB	56.71	0.05	0.0	0.0
LAB*TCa	50.0	56.88	164.46	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.75	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
ohv4*	0.25	0.75	0.75	1.0
cmv4*	0.75	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	66.28	-15.73	5.06	0.0
LAB*LAB	66.28	-15.73	5.06	0.0
LAB*TCa	62.5	16.57	162.27	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
ohv4*	0.25	0.75	0.25	1.0
cmv4*	0.75	0.25	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	66.28	-15.73	5.06	0.0
LAB*LAB	66.28	-15.73	5.06	0.0
LAB*TCa	62.5	16.57	162.27	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.0	(1.0)
cmv3*	0.75	0.25	0.0	(0.0)
ohv4*	0.25	0.75	0.0	1.0
cmv4*	0.75	0.25	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	66.08	-47.28	15.15	0.0
LAB*LAB	66.08	-47.28	15.15	0.0
LAB*TCa	62.5	49.7	162.26	0.0

relative Inform. Technology (IT)

ohv3*	0.109	1.0	0.0	(1.0)
cmv3*	0.891	0.0	1.0	(0.0)
ohv4*	0.109	1.0	0.0	1.0
cmv4*	0.891	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	56.31	-63.1	20.19	0.0
LAB*LAB	56.31	-63.1	20.19	0.0
LAB*TCa	50.0	66.26	162.27	0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

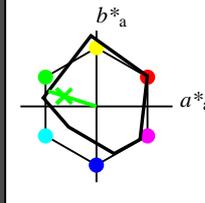
Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

lab^*ch und lab^*nch

D65: Buntton G
 LCH*Ma: 56 66 162
 rgb*Ma: 0.11 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 92$

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	0.01	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 Inform. Technology (IT)

ohv3*	0.75	1.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	0.75	1.0	0.75	1.0
cmv4*	0.25	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	85.63	-15.74	5.05	0.0
LAB*LAB	85.63	-15.74	5.05	0.0
LAB*TCa	87.5	16.56	162.26	0.0

relative Inform. Technology (IT)

ohv3*	0.777	1.0	0.75	(1.0)
cmv3*	0.223	0.0	0.25	(0.0)
ohv4*	0.777	1.0	0.75	1.0
cmv4*	0.223	0.0	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	85.63	-15.74	5.05	0.0
LAB*LAB	85.63	-15.74	5.05	0.0
LAB*TCa	87.5	16.56	162.26	0.0

relative Inform. Technology (IT)

ohv3*	0.554	1.0	0.5	(1.0)
cmv3*	0.446	0.0	0.5	(0.0)
ohv4*	0.554	1.0	0.5	1.0
cmv4*	0.446	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	75.86	-31.51	10.1	0.0
LAB*LAB	75.86	-31.51	10.1	0.0
LAB*TCa	75.0	33.13	162.26	0.0

relative Inform. Technology (IT)

ohv3*	0.332	1.0	0.25	(1.0)
cmv3*	0.668	0.0	0.75	(0.0)
ohv4*	0.332	1.0	0.25	1.0
cmv4*	0.668	0.0	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	66.08	-47.28	15.15	0.0
LAB*LAB	66.08	-47.28	15.15	0.0
LAB*TCa	62.5	49.7	162.26	0.0

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

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*	0.5	0.0	0.377	0.0
standard and adapted CIELAB				
LAB*LAB	74.1	-27.96	10.94	0.0
LAB*LAB	74.1	-27.39	7.62	0.0
LAB*TCa	75.0	28.44	164.46	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	-41.46	14.03	0.0
LAB*LAB	63.45	-41.09	11.43	0.0
LAB*TCa	62.5	42.66	164.46	0.0

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.246	(1.0)
cmv3*	1.0	0.0	0.754	(0.0)
ohv4*	0.0	1.0	0.246	1.0
cmv4*	1.0	0.0	0.754	0.0
standard and adapted CIELAB				
LAB*LAB	52.8	-54.95	17.13	0.0
LAB*LAB	52.8	-54.79	15.24	0.0
LAB*TCa	50.0	56.88	164.46	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*	0.5	0.5	0.5	0.0
cmv4*	0.5	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	0.05	0.0	0.0
LAB*LAB	56.71	0.05	0.0	0.0
LAB*TCa	50.0	56.88	164.46	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.75	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
ohv4*	0.25	0.75	0.75	1.0
cmv4*	0.75	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	66.28	-15.73	5.06	0.0
LAB*LAB	66.28	-15.73	5.06	0.0
LAB*TCa	62.5	16.57	162.27	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.75	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
ohv4*	0.25	0.75	0.25	1.0
cmv4*	0.75	0.25	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	66.08	-47.28	15.15	0.0
LAB*LAB	66.08	-47.28	15.15	0.0
LAB*TCa	62.5	49.7	162.26	0.0

relative Inform. Technology (IT)

ohv3*	0.109	1.0	0.0	(1.0)
cmv3*	0.891	0.0	1.0	(0.0)
ohv4*	0.109	1.0	0.0	1.0
cmv4*	0.891	0.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	56.31	-63.1	20.19	0.0
LAB*LAB	56.31	-63.1	20.19	0.0
LAB*TCa	50.0	66.26	162.27	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	0.0	0.5	0.5	0.0
cmv4*	0.5	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	0.05	0.0	0.0
LAB*LAB	56.71	0.05	0.0	0.0
LAB*TCa	50.0	56.88	164.46	0.0

relative Inform. Technology (IT)

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

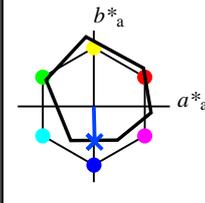
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton B
 LCH*Ma: 42 45 271
 rgb*Ma: 0.0 0.49 1.0

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*	1.0	1.0	1.0	(1.0)
ohv6*	0.0	0.0	0.0	(0.0)
ohv7*	1.0	1.0	1.0	(1.0)
ohv8*	0.0	0.0	0.0	(0.0)
ohv9*	1.0	1.0	1.0	(1.0)
ohv10*	0.0	0.0	0.0	(0.0)
ohv11*	1.0	1.0	1.0	(1.0)
ohv12*	0.0	0.0	0.0	(0.0)
ohv13*	1.0	1.0	1.0	(1.0)
ohv14*	0.0	0.0	0.0	(0.0)
ohv15*	1.0	1.0	1.0	(1.0)
ohv16*	0.0	0.0	0.0	(0.0)
ohv17*	1.0	1.0	1.0	(1.0)
ohv18*	0.0	0.0	0.0	(0.0)
ohv19*	1.0	1.0	1.0	(1.0)
ohv20*	0.0	0.0	0.0	(0.0)
ohv21*	1.0	1.0	1.0	(1.0)
ohv22*	0.0	0.0	0.0	(0.0)
ohv23*	1.0	1.0	1.0	(1.0)
ohv24*	0.0	0.0	0.0	(0.0)
ohv25*	1.0	1.0	1.0	(1.0)
ohv26*	0.0	0.0	0.0	(0.0)
ohv27*	1.0	1.0	1.0	(1.0)
ohv28*	0.0	0.0	0.0	(0.0)
ohv29*	1.0	1.0	1.0	(1.0)
ohv30*	0.0	0.0	0.0	(0.0)
ohv31*	1.0	1.0	1.0	(1.0)
ohv32*	0.0	0.0	0.0	(0.0)
ohv33*	1.0	1.0	1.0	(1.0)
ohv34*	0.0	0.0	0.0	(0.0)
ohv35*	1.0	1.0	1.0	(1.0)
ohv36*	0.0	0.0	0.0	(0.0)
ohv37*	1.0	1.0	1.0	(1.0)
ohv38*	0.0	0.0	0.0	(0.0)
ohv39*	1.0	1.0	1.0	(1.0)
ohv40*	0.0	0.0	0.0	(0.0)
ohv41*	1.0	1.0	1.0	(1.0)
ohv42*	0.0	0.0	0.0	(0.0)
ohv43*	1.0	1.0	1.0	(1.0)
ohv44*	0.0	0.0	0.0	(0.0)
ohv45*	1.0	1.0	1.0	(1.0)
ohv46*	0.0	0.0	0.0	(0.0)
ohv47*	1.0	1.0	1.0	(1.0)
ohv48*	0.0	0.0	0.0	(0.0)
ohv49*	1.0	1.0	1.0	(1.0)
ohv50*	0.0	0.0	0.0	(0.0)
ohv51*	1.0	1.0	1.0	(1.0)
ohv52*	0.0	0.0	0.0	(0.0)
ohv53*	1.0	1.0	1.0	(1.0)
ohv54*	0.0	0.0	0.0	(0.0)
ohv55*	1.0	1.0	1.0	(1.0)
ohv56*	0.0	0.0	0.0	(0.0)
ohv57*	1.0	1.0	1.0	(1.0)
ohv58*	0.0	0.0	0.0	(0.0)
ohv59*	1.0	1.0	1.0	(1.0)
ohv60*	0.0	0.0	0.0	(0.0)
ohv61*	1.0	1.0	1.0	(1.0)
ohv62*	0.0	0.0	0.0	(0.0)
ohv63*	1.0	1.0	1.0	(1.0)
ohv64*	0.0	0.0	0.0	(0.0)
ohv65*	1.0	1.0	1.0	(1.0)
ohv66*	0.0	0.0	0.0	(0.0)
ohv67*	1.0	1.0	1.0	(1.0)
ohv68*	0.0	0.0	0.0	(0.0)
ohv69*	1.0	1.0	1.0	(1.0)
ohv70*	0.0	0.0	0.0	(0.0)
ohv71*	1.0	1.0	1.0	(1.0)
ohv72*	0.0	0.0	0.0	(0.0)
ohv73*	1.0	1.0	1.0	(1.0)
ohv74*	0.0	0.0	0.0	(0.0)
ohv75*	1.0	1.0	1.0	(1.0)
ohv76*	0.0	0.0	0.0	(0.0)
ohv77*	1.0	1.0	1.0	(1.0)
ohv78*	0.0	0.0	0.0	(0.0)
ohv79*	1.0	1.0	1.0	(1.0)
ohv80*	0.0	0.0	0.0	(0.0)
ohv81*	1.0	1.0	1.0	(1.0)
ohv82*	0.0	0.0	0.0	(0.0)
ohv83*	1.0	1.0	1.0	(1.0)
ohv84*	0.0	0.0	0.0	(0.0)
ohv85*	1.0	1.0	1.0	(1.0)
ohv86*	0.0	0.0	0.0	(0.0)
ohv87*	1.0	1.0	1.0	(1.0)
ohv88*	0.0	0.0	0.0	(0.0)
ohv89*	1.0	1.0	1.0	(1.0)
ohv90*	0.0	0.0	0.0	(0.0)
ohv91*	1.0	1.0	1.0	(1.0)
ohv92*	0.0	0.0	0.0	(0.0)
ohv93*	1.0	1.0	1.0	(1.0)
ohv94*	0.0	0.0	0.0	(0.0)
ohv95*	1.0	1.0	1.0	(1.0)
ohv96*	0.0	0.0	0.0	(0.0)
ohv97*	1.0	1.0	1.0	(1.0)
ohv98*	0.0	0.0	0.0	(0.0)
ohv99*	1.0	1.0	1.0	(1.0)
ohv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

ohv1*	0.75	0.75	0.75	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	0.75	0.75	0.75	(1.0)
ohv4*	0.25	0.25	0.25	(0.0)
ohv5*	0.75	0.75	0.75	(1.0)
ohv6*	0.25	0.25	0.25	(0.0)
ohv7*	0.75	0.75	0.75	(1.0)
ohv8*	0.25	0.25	0.25	(0.0)
ohv9*	0.75	0.75	0.75	(1.0)
ohv10*	0.25	0.25	0.25	(0.0)
ohv11*	0.75	0.75	0.75	(1.0)
ohv12*	0.25	0.25	0.25	(0.0)
ohv13*	0.75	0.75	0.75	(1.0)
ohv14*	0.25	0.25	0.25	(0.0)
ohv15*	0.75	0.75	0.75	(1.0)
ohv16*	0.25	0.25	0.25	(0.0)
ohv17*	0.75	0.75	0.75	(1.0)
ohv18*	0.25	0.25	0.25	(0.0)
ohv19*	0.75	0.75	0.75	(1.0)
ohv20*	0.25	0.25	0.25	(0.0)
ohv21*	0.75	0.75	0.75	(1.0)
ohv22*	0.25	0.25	0.25	(0.0)
ohv23*	0.75	0.75	0.75	(1.0)
ohv24*	0.25	0.25	0.25	(0.0)
ohv25*	0.75	0.75	0.75	(1.0)
ohv26*	0.25	0.25	0.25	(0.0)
ohv27*	0.75	0.75	0.75	(1.0)
ohv28*	0.25	0.25	0.25	(0.0)
ohv29*	0.75	0.75	0.75	(1.0)
ohv30*	0.25	0.25	0.25	(0.0)
ohv31*	0.75	0.75	0.75	(1.0)
ohv32*	0.25	0.25	0.25	(0.0)
ohv33*	0.75	0.75	0.75	(1.0)
ohv34*	0.25	0.25	0.25	(0.0)
ohv35*	0.75	0.75	0.75	(1.0)
ohv36*	0.25	0.25	0.25	(0.0)
ohv37*	0.75	0.75	0.75	(1.0)
ohv38*	0.25	0.25	0.25	(0.0)
ohv39*	0.75	0.75	0.75	(1.0)
ohv40*	0.25	0.25	0.25	(0.0)
ohv41*	0.75	0.75	0.75	(1.0)
ohv42*	0.25	0.25	0.25	(0.0)
ohv43*	0.75	0.75	0.75	(1.0)
ohv44*	0.25	0.25	0.25	(0.0)
ohv45*	0.75	0.75	0.75	(1.0)
ohv46*	0.25	0.25	0.25	(0.0)
ohv47*	0.75	0.75	0.75	(1.0)
ohv48*	0.25	0.25	0.25	(0.0)
ohv49*	0.75	0.75	0.75	(1.0)
ohv50*	0.25	0.25	0.25	(0.0)
ohv51*	0.75	0.75	0.75	(1.0)
ohv52*	0.25	0.25	0.25	(0.0)
ohv53*	0.75	0.75	0.75	(1.0)
ohv54*	0.25	0.25	0.25	(0.0)
ohv55*	0.75	0.75	0.75	(1.0)
ohv56*	0.25	0.25	0.25	(0.0)
ohv57*	0.75	0.75	0.75	(1.0)
ohv58*	0.25	0.25	0.25	(0.0)
ohv59*	0.75	0.75	0.75	(1.0)
ohv60*	0.25	0.25	0.25	(0.0)
ohv61*	0.75	0.75	0.75	(1.0)
ohv62*	0.25	0.25	0.25	(0.0)
ohv63*	0.75	0.75	0.75	(1.0)
ohv64*	0.25	0.25	0.25	(0.0)
ohv65*	0.75	0.75	0.75	(1.0)
ohv66*	0.25	0.25	0.25	(0.0)
ohv67*	0.75	0.75	0.75	(1.0)
ohv68*	0.25	0.25	0.25	(0.0)
ohv69*	0.75	0.75	0.75	(1.0)
ohv70*	0.25	0.25	0.25	(0.0)
ohv71*	0.75	0.75	0.75	(1.0)
ohv72*	0.25	0.25	0.25	(0.0)
ohv73*	0.75	0.75	0.75	(1.0)
ohv74*	0.25	0.25	0.25	(0.0)
ohv75*	0.75	0.75	0.75	(1.0)
ohv76*	0.25	0.25	0.25	(0.0)
ohv77*	0.75	0.75	0.75	(1.0)
ohv78*	0.25	0.25	0.25	(0.0)
ohv79*	0.75	0.75	0.75	(1.0)
ohv80*	0.25	0.25	0.25	(0.0)
ohv81*	0.75	0.75	0.75	(1.0)
ohv82*	0.25	0.25	0.25	(0.0)
ohv83*	0.75	0.75	0.75	(1.0)
ohv84*	0.25	0.25	0.25	(0.0)
ohv85*	0.75	0.75	0.75	(1.0)
ohv86*	0.25	0.25	0.25	(0.0)
ohv87*	0.75	0.75	0.75	(1.0)
ohv88*	0.25	0.25	0.25	(0.0)
ohv89*	0.75	0.75	0.75	(1.0)
ohv90*	0.25	0.25	0.25	(0.0)
ohv91*	0.75	0.75	0.75	(1.0)
ohv92*	0.25	0.25	0.25	(0.0)
ohv93*	0.75	0.75	0.75	(1.0)
ohv94*	0.25	0.25	0.25	(0.0)
ohv95*	0.75	0.75	0.75	(1.0)
ohv96*	0.25	0.25	0.25	(0.0)
ohv97*	0.75	0.75	0.75	(1.0)
ohv98*	0.25	0.25	0.25	(0.0)
ohv99*	0.75	0.75	0.75	(1.0)
ohv100*	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

ohv1*	0.75	0.75	0.75	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	0.75	0.75	0.75	(1.0)
ohv4*	0.25	0.25	0.25	(0.0)
ohv5*	0.75	0.75	0.75	(1.0)
ohv6*	0.25	0.25	0.25	(0.0)
ohv7*	0.75	0.75	0.75	(1.0)
ohv8*	0.25	0.25	0.25	(0.0)
ohv9*	0.75	0.75	0.75	(1.0)
ohv10*	0.25	0.25	0.25	(0.0)
ohv11*	0.75	0.75	0.75	(1.0)
ohv12*	0.25	0.25	0.25	(0.0)
ohv13*	0.75	0.75	0.75	(1.0)
ohv14*	0.25	0.25	0.25	(0.0)
ohv15*	0.75	0.75	0.75	(1.0)
ohv16*	0.25	0.25	0.25	(0.0)
ohv17*	0.75	0.75	0.75	(1.0)
ohv18*	0.25	0.25	0.25	(0.0)
ohv19*	0.75	0.75	0.75	(1.0)
ohv20*	0.25	0.25	0.25	(0.0)
ohv21*	0.75	0.75	0.75	(1.0)
ohv22*	0.25	0.25	0.25	(0.0)
ohv23*	0.75	0.75	0.75	(1.0)
ohv24*	0.25	0.25	0.25	(0.0)
ohv25*	0.75	0.75	0.75	(1.0)
ohv26*	0.25	0.25	0.25	(0.0)
ohv27*	0.75	0.75	0.75	(1.0)
ohv28*	0.25	0.25	0.25	(0.0)
ohv29*	0.75	0.75	0.75	(1.0)
ohv30*	0.25	0.25	0.25	(0.0)
ohv31*	0.75	0.75	0.75	(1.0)
ohv32*	0.25	0.25	0.25	(0.0)
ohv33*	0.75	0.75	0.75	(1.0)
ohv34*	0.25	0.25	0.25	(0.0)
ohv35*	0.75	0.75	0.75	(1.0)
ohv36*	0.25	0.25	0.25	(0.0)
ohv37*	0.75	0.75	0.75	(1.0)
ohv38*	0.25	0.25	0.25	(0.0)
ohv39*	0.75	0.75	0.75	(1.0)
ohv40*	0.25	0.25	0.25	(0.0)
ohv41*	0.75	0.		