

Eingabe: Farbmetrisches Reflexions-System ORS18

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

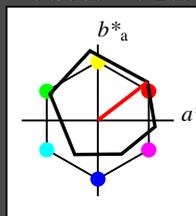
lab^*ch und lab^*nch

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	4.75
LAB*LAB	95.41	0.00	0.00	0.00
LAB*TCa	99.99	0.01	-	-

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	83.54	15.58	16.58	16.58
LAB*LAB	83.54	16.34	12.62	12.62
LAB*TCa	87.5	20.65	37.7	37.7

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

%Regularität

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

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

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	3.44
LAB*LAB	76.06	0.0	0.0	0.0
LAB*TCa	75.0	0.01	-	-

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	71.67	32.68	28.25	28.25
LAB*LAB	71.67	32.68	28.25	28.25
LAB*TCa	75.0	41.3	37.7	37.7

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

%Regularität

$n^* = 0.00$

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(0.0)
cmyn3*	0.0	0.5	0.5	(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	2.14
LAB*LAB	56.71	0.0	0.0	0.0
LAB*TCa	50.0	0.01	-	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0	-
lab*nce	0.5	0.0	0.0	-
lab*nce	0.0	0.5	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	0.5	0.5	0.75
cmyn4*	0.0	0.5	0.5	0.25

standard and adapted CIELAB

LAB*LAB	52.33	32.53	27.11	27.11
LAB*LAB	52.33	32.69	25.26	25.26
LAB*TCa	50.0	41.31	37.7	37.7

relative CIELAB lab*

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

relative Natural Colour (NC)

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

%Regularität

$n^* = 0.25$

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	2.9	0.83	0.83
LAB*LAB	37.36	0.0	0.0	0.0
LAB*TCa	25.0	0.01	-	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.25	0.0	0.0	-
lab*nce	0.25	0.0	0.0	-
lab*nce	0.0	0.25	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	0.5	0.5	0.5
cmyn4*	0.0	0.5	0.5	0.5

standard and adapted CIELAB

LAB*LAB	42.98	32.9	25.8	25.8
LAB*LAB	42.98	32.9	25.8	25.8
LAB*TCa	37.5	41.3	37.7	37.7

relative CIELAB lab*

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

relative Natural Colour (NC)

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

%Regularität

$n^* = 0.50$

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	1.0
cmyn4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.46	0.46
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCa	10.0	0.01	-	-

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.46	0.46
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCa	12.5	19.46	30.93	30.93

relative CIELAB lab*

lab*lab	0.097	0.198	0.153	-
lab*ch	0.125	0.25	0.105	-
lab*nch	0.0	0.25	0.105	-

relative Natural Colour (NC)

lab*nrj	0.097	0.238	0.078	-
lab*nce	0.125	0.25	0.048	-
lab*nce	0.0	0.25	0.199	-

%Regularität

$n^* = 1.0$

Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

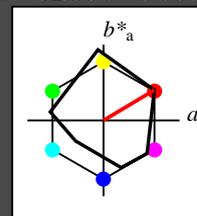
lab^*ch und lab^*nch

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	0.0	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	0.01	0.0	0.0
LAB*LAB	95.41	0.00	0.0	0.0
LAB*TCa	99.99	0.01	-	-

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	1.0	0.0	0.0	-
lab*nce	1.0	0.0	0.0	-
lab*nce	0.0	1.0	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	0.03	0.25	0.25
LAB*LAB	76.06	0.0	0.0	0.0
LAB*TCa	75.0	0.01	-	-

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

ohv13*	1.0	0.0	0.0	(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	64.61	16.74	10.02	10.02
LAB*LAB	64.61	16.7	10.01	10.01
LAB*TCa	62.5	19.47	30.93	30.93

relative CIELAB lab*

lab*lab	0.75	0.5	0.5	-
lab*ch	0.625	0.25	0.086	-
lab*nch	0.0	0.25	0.086	-

relative Natural Colour (NC)

lab*nrj	0.625	0.248	0.032	-
lab*nce	0.625	0.25	0.02	-
lab*nce	0.0	0.25	0.081	-

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	45.26	16.77	10.02	10.02
LAB*LAB	45.26	16.7	10.01	10.01
LAB*TCa	37.5	19.47	30.93	30.93

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*nrj	0.5	0.0	0.0	-
lab*nce	0.5	0.0	0.0	-
lab*nce	0.0	0.5	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	33.82	3.47	20.83	20.83

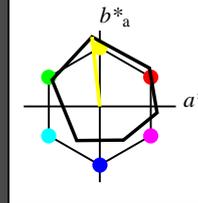
Eingabe: Farbmatisches Reflexions-System ORS18

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	2.68
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 Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	0.0
lab*lrc	1.0	0.0	0.0	-
lab*lrc	0.0	0.0	0.0	-

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.75	(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	76.06	-0.6	3.44	2.68
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	0.75	0.75	(1.0)
lab*ch	0.75	0.75	0.75	(1.0)
lab*nch	0.75	0.75	0.75	(1.0)
relative Natural Colour (NC)				
lab*lrj	0.75	0.0	0.0	0.0
lab*lrc	0.75	0.0	0.0	0.0
lab*lrc	0.75	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(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	56.71	-0.23	2.14	2.68
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(1.0)
lab*nch	0.5	0.5	0.5	(1.0)
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	0.0
lab*lrc	0.5	0.0	0.0	0.0
lab*lrc	0.5	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(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	37.36	-0.38	1.00	2.68
LAB*LABa	37.36	0.0	0.0	0.0
LAB*LABb	25.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*ch	0.25	0.25	0.25	(1.0)
lab*nch	0.25	0.25	0.25	(1.0)
relative Natural Colour (NC)				
lab*lrj	0.25	0.0	0.0	0.0
lab*lrc	0.25	0.0	0.0	0.0
lab*lrc	0.25	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv2*	1.0	1.0	1.0	(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	18.02	0.0	0.46	2.68
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	10.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	0.0	0.0	0.0	(1.0)
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	0.0
lab*lrc	0.0	0.0	0.0	0.0
lab*lrc	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	65.37	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	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	92.88	-6.06	50.46	2.68
LAB*LABa	92.88	-5.13	45.87	0.0
LAB*LABb	75.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.967	-0.055	4.97	2.68
lab*ch	0.75	0.5	0.268	2.68
lab*nch	0.0	0.5	0.268	2.68
relative Natural Colour (NC)				
lab*lrj	0.967	-0.048	4.97	2.68
lab*lrc	0.75	0.5	0.268	2.68
lab*lrc	0.0	0.5	0.268	2.68

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	91.62	-8.6	73.32	2.68
LAB*LABa	91.62	-7.7	68.82	0.0
LAB*LABb	62.5	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.967	-0.082	0.745	2.68
lab*ch	0.625	0.75	0.268	2.68
lab*nch	0.0	0.75	0.268	2.68
relative Natural Colour (NC)				
lab*lrj	0.967	-0.073	0.746	2.68
lab*lrc	0.625	0.75	0.268	2.68
lab*lrc	0.0	0.75	0.268	2.68

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.75	(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	73.54	-5.69	49.17	2.68
LAB*LABa	73.54	-5.13	45.88	0.0
LAB*LABb	50.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.717	-0.048	0.498	2.68
lab*ch	0.5	0.75	0.268	2.68
lab*nch	0.0	0.75	0.268	2.68
relative Natural Colour (NC)				
lab*lrj	0.717	-0.048	0.498	2.68
lab*lrc	0.5	0.75	0.268	2.68
lab*lrc	0.0	0.75	0.268	2.68

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(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	54.19	-5.43	47.85	2.68
LAB*LABa	54.19	-5.13	45.87	0.0
LAB*LABb	25.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.467	-0.055	0.497	2.68
lab*ch	0.25	0.5	0.268	2.68
lab*nch	0.0	0.5	0.268	2.68
relative Natural Colour (NC)				
lab*lrj	0.467	-0.048	0.497	2.68
lab*lrc	0.25	0.5	0.268	2.68
lab*lrc	0.0	0.5	0.268	2.68

$n^* = 0.50$

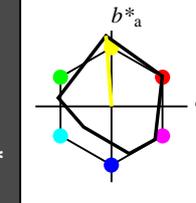
Ausgabe: Farbmatisches Reflexions-System MRS18a

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	0.0	(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	0.01	0.0	0.0
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 Natural Colour (NC)				
lab*lrj	1.0	0.0	0.0	0.0
lab*lrc	1.0	0.0	0.0	0.0
lab*lrc	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.75	0.75	0.75	(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	76.06	0.03	2.58	2.68
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	0.75	0.75	(1.0)
lab*ch	0.75	0.75	0.75	(1.0)
lab*nch	0.75	0.75	0.75	(1.0)
relative Natural Colour (NC)				
lab*lrj	0.75	0.0	0.0	0.0
lab*lrc	0.75	0.0	0.0	0.0
lab*lrc	0.75	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.5	0.5	0.5	(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	56.71	0.05	2.14	2.68
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(1.0)
lab*nch	0.5	0.5	0.5	(1.0)
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	0.0
lab*lrc	0.5	0.0	0.0	0.0
lab*lrc	0.5	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(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	37.36	0.07	1.00	2.68
LAB*LABa	37.36	0.0	0.0	0.0
LAB*LABb	25.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*ch	0.25	0.25	0.25	(1.0)
lab*nch	0.25	0.25	0.25	(1.0)
relative Natural Colour (NC)				
lab*lrj	0.25	0.0	0.0	0.0
lab*lrc	0.			

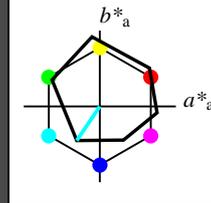
Eingabe: Farbmetrisches Reflexions-System ORS18

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^*



%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)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.97	4.75	24.5
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
obv4*	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	-8.38	-7.1	11.24
LAB*LABa	86.21	-7.58	-11.24	23.61
LAB*LABb	87.5	13.57	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.5	1.0	1.0	(1.0)
cmv3*	0.5	0.0	0.0	(0.0)
obv4*	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	-15.16	-18.98	11.24
LAB*LABa	77.01	-15.16	-22.5	23.61
LAB*LABb	75.0	27.15	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.25	1.0	1.0	(1.0)
cmv3*	0.75	0.0	0.0	(0.0)
obv4*	0.25	1.0	1.0	(1.0)
cmv4*	0.75	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	67.81	-23.21	-30.86	11.24
LAB*LABa	67.81	-23.21	-37.5	23.61
LAB*LABb	62.5	40.72	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.0	1.0	1.0	(1.0)
cmv3*	1.0	0.0	0.0	(0.0)
obv4*	0.0	1.0	1.0	(1.0)
cmv4*	1.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	58.62	-30.34	-45.01	11.24
LAB*LABa	58.62	-30.34	-50.1	23.61
LAB*LABb	50.0	54.29	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.5	0.5	(0.0)
cmv3*	0.25	0.25	0.25	(0.0)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	23.61
LAB*LABa	76.06	0.0	0.0	0.0
LAB*LABb	75.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.5	0.5	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
obv4*	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	-8.01	-8.41	11.24
LAB*LABa	66.86	-7.58	-11.25	23.61
LAB*LABb	62.5	13.58	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.75	0.75	(1.0)
cmv3*	0.5	0.25	0.25	(0.0)
obv4*	0.75	1.0	1.0	(0.75)
cmv4*	0.25	0.0	0.0	(0.25)
standard and adapted CIELAB				
LAB*LAB	57.66	-15.42	-20.29	11.24
LAB*LABa	57.66	-15.17	-22.5	23.61
LAB*LABb	50.0	27.15	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.75	0.75	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
obv4*	0.25	1.0	1.0	(0.25)
cmv4*	0.75	0.0	0.0	(0.75)
standard and adapted CIELAB				
LAB*LAB	48.41	-23.83	-32.16	11.24
LAB*LABa	48.41	-23.75	-37.5	23.61
LAB*LABb	40.72	23.61	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.75	0.75	(1.0)
cmv3*	1.0	0.25	0.25	(0.0)
obv4*	0.0	1.0	1.0	(0.0)
cmv4*	1.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	58.62	-30.34	-45.01	11.24
LAB*LABa	58.62	-30.34	-50.1	23.61
LAB*LABb	50.0	54.29	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	23.61
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.0	0.01	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)
obv4*	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	11.24
LAB*LABa	47.51	-7.58	-11.25	23.61
LAB*LABb	37.5	13.58	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
obv4*	0.25	1.0	1.0	(0.25)
cmv4*	0.75	0.0	0.0	(0.75)
standard and adapted CIELAB				
LAB*LAB	48.41	-23.83	-32.16	11.24
LAB*LABa	48.41	-23.75	-37.5	23.61
LAB*LABb	37.51	40.72	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.5	0.5	(1.0)
cmv3*	1.0	0.25	0.25	(0.0)
obv4*	0.0	1.0	1.0	(0.0)
cmv4*	1.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	58.62	-30.34	-45.01	11.24
LAB*LABa	58.62	-30.34	-50.1	23.61
LAB*LABb	50.0	54.29	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	23.61
LAB*LABa	76.06	0.0	0.0	0.0
LAB*LABb	75.0	0.01	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)
obv4*	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	23.61
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.0	0.01	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)
obv4*	0.75	1.0	1.0	(0.75)
cmv4*	0.25	0.0	0.0	(0.25)
standard and adapted CIELAB				
LAB*LAB	47.51	-7.64	-9.72	11.24
LAB*LABa	47.51	-7.58	-11.25	23.61
LAB*LABb	37.5	13.58	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.5	0.5	(1.0)
cmv3*	1.0	0.25	0.25	(0.0)
obv4*	0.0	1.0	1.0	(0.0)
cmv4*	1.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	58.62	-30.34	-45.01	11.24
LAB*LABa	58.62	-30.34	-50.1	23.61
LAB*LABb	50.0	54.29	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	23.61
LAB*LABa	76.06	0.0	0.0	0.0
LAB*LABb	75.0	0.01	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)
obv4*	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	23.61
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	23.61
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.0	0.01	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)
obv4*	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	11.24
LAB*LABa	47.51	-7.58	-11.25	23.61
LAB*LABb	37.5	13.58	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
obv4*	0.25	1.0	1.0	(0.25)
cmv4*	0.75	0.0	0.0	(0.75)
standard and adapted CIELAB				
LAB*LAB	48.41	-23.83	-32.16	11.24
LAB*LABa	48.41	-23.75	-37.5	23.61
LAB*LABb	37.51	40.72	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.5	0.5	(1.0)
cmv3*	1.0	0.25	0.25	(0.0)
obv4*	0.0	1.0	1.0	(0.0)
cmv4*	1.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	58.62	-30.34	-45.01	11.24
LAB*LABa	58.62	-30.34	-50.1	23.61
LAB*LABb	50.0	54.29	23.61	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	23.61
LAB*LABa	76.06	0.0	0.0	0.0
LAB*LABb	75.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(0.0)
cmv3*	1.0	1.0	1.0	(1.0)
obv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.0	0.6
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	18.02	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	0.5	0.5	(0.0)
obv4*	0.0	1.0	1.0	(0.0)
cmv4*	1.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.0	0.6
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	18.02	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)
obv4*	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		

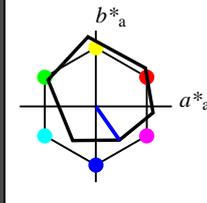
Eingabe: Farbmatisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton V
 LCH*Ma: 26 54 305
 rgb*Ma: 0.0 0.0 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*	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*	0.75	0.75	1.0	(1.0)
ohv2*	0.25	0.25	0.0	(0.0)
ohv3*	0.75	0.75	1.0	(1.0)
ohv4*	0.25	0.25	0.0	(0.0)
ohv5*	0.75	0.75	1.0	(1.0)
ohv6*	0.25	0.25	0.0	(0.0)
ohv7*	0.75	0.75	1.0	(1.0)
ohv8*	0.25	0.25	0.0	(0.0)
ohv9*	0.75	0.75	1.0	(1.0)
ohv10*	0.25	0.25	0.0	(0.0)
ohv11*	0.75	0.75	1.0	(1.0)
ohv12*	0.25	0.25	0.0	(0.0)
ohv13*	0.75	0.75	1.0	(1.0)
ohv14*	0.25	0.25	0.0	(0.0)
ohv15*	0.75	0.75	1.0	(1.0)
ohv16*	0.25	0.25	0.0	(0.0)
ohv17*	0.75	0.75	1.0	(1.0)
ohv18*	0.25	0.25	0.0	(0.0)
ohv19*	0.75	0.75	1.0	(1.0)
ohv20*	0.25	0.25	0.0	(0.0)
ohv21*	0.75	0.75	1.0	(1.0)
ohv22*	0.25	0.25	0.0	(0.0)
ohv23*	0.75	0.75	1.0	(1.0)
ohv24*	0.25	0.25	0.0	(0.0)
ohv25*	0.75	0.75	1.0	(1.0)
ohv26*	0.25	0.25	0.0	(0.0)
ohv27*	0.75	0.75	1.0	(1.0)
ohv28*	0.25	0.25	0.0	(0.0)
ohv29*	0.75	0.75	1.0	(1.0)
ohv30*	0.25	0.25	0.0	(0.0)
ohv31*	0.75	0.75	1.0	(1.0)
ohv32*	0.25	0.25	0.0	(0.0)
ohv33*	0.75	0.75	1.0	(1.0)
ohv34*	0.25	0.25	0.0	(0.0)
ohv35*	0.75	0.75	1.0	(1.0)
ohv36*	0.25	0.25	0.0	(0.0)
ohv37*	0.75	0.75	1.0	(1.0)
ohv38*	0.25	0.25	0.0	(0.0)
ohv39*	0.75	0.75	1.0	(1.0)
ohv40*	0.25	0.25	0.0	(0.0)
ohv41*	0.75	0.75	1.0	(1.0)
ohv42*	0.25	0.25	0.0	(0.0)
ohv43*	0.75	0.75	1.0	(1.0)
ohv44*	0.25	0.25	0.0	(0.0)
ohv45*	0.75	0.75	1.0	(1.0)
ohv46*	0.25	0.25	0.0	(0.0)
ohv47*	0.75	0.75	1.0	(1.0)
ohv48*	0.25	0.25	0.0	(0.0)
ohv49*	0.75	0.75	1.0	(1.0)
ohv50*	0.25	0.25	0.0	(0.0)
ohv51*	0.75	0.75	1.0	(1.0)
ohv52*	0.25	0.25	0.0	(0.0)
ohv53*	0.75	0.75	1.0	(1.0)
ohv54*	0.25	0.25	0.0	(0.0)
ohv55*	0.75	0.75	1.0	(1.0)
ohv56*	0.25	0.25	0.0	(0.0)
ohv57*	0.75	0.75	1.0	(1.0)
ohv58*	0.25	0.25	0.0	(0.0)
ohv59*	0.75	0.75	1.0	(1.0)
ohv60*	0.25	0.25	0.0	(0.0)
ohv61*	0.75	0.75	1.0	(1.0)
ohv62*	0.25	0.25	0.0	(0.0)
ohv63*	0.75	0.75	1.0	(1.0)
ohv64*	0.25	0.25	0.0	(0.0)
ohv65*	0.75	0.75	1.0	(1.0)
ohv66*	0.25	0.25	0.0	(0.0)
ohv67*	0.75	0.75	1.0	(1.0)
ohv68*	0.25	0.25	0.0	(0.0)
ohv69*	0.75	0.75	1.0	(1.0)
ohv70*	0.25	0.25	0.0	(0.0)
ohv71*	0.75	0.75	1.0	(1.0)
ohv72*	0.25	0.25	0.0	(0.0)
ohv73*	0.75	0.75	1.0	(1.0)
ohv74*	0.25	0.25	0.0	(0.0)
ohv75*	0.75	0.75	1.0	(1.0)
ohv76*	0.25	0.25	0.0	(0.0)
ohv77*	0.75	0.75	1.0	(1.0)
ohv78*	0.25	0.25	0.0	(0.0)
ohv79*	0.75	0.75	1.0	(1.0)
ohv80*	0.25	0.25	0.0	(0.0)
ohv81*	0.75	0.75	1.0	(1.0)
ohv82*	0.25	0.25	0.0	(0.0)
ohv83*	0.75	0.75	1.0	(1.0)
ohv84*	0.25	0.25	0.0	(0.0)
ohv85*	0.75	0.75	1.0	(1.0)
ohv86*	0.25	0.25	0.0	(0.0)
ohv87*	0.75	0.75	1.0	(1.0)
ohv88*	0.25	0.25	0.0	(0.0)
ohv89*	0.75	0.75	1.0	(1.0)
ohv90*	0.25	0.25	0.0	(0.0)
ohv91*	0.75	0.75	1.0	(1.0)
ohv92*	0.25	0.25	0.0	(0.0)
ohv93*	0.75	0.75	1.0	(1.0)
ohv94*	0.25	0.25	0.0	(0.0)
ohv95*	0.75	0.75	1.0	(1.0)
ohv96*	0.25	0.25	0.0	(0.0)
ohv97*	0.75	0.75	1.0	(1.0)
ohv98*	0.25	0.25	0.0	(0.0)
ohv99*	0.75	0.75	1.0	(1.0)
ohv100*	0.25	0.25	0.0	(0.0)

relative Inform. Technology (IT)

ohv1*	0.75	0.75	1.0	(1.0)
ohv2*	0.25	0.25	0.0	(0.0)
ohv3*	0.75	0.75	1.0	(1.0)
ohv4*	0.25	0.25	0.0	(0.0)
ohv5*	0.75	0.75	1.0	(1.0)
ohv6*	0.25	0.25	0.0	(0.0)
ohv7*	0.75	0.75	1.0	(1.0)
ohv8*	0.25	0.25	0.0	(0.0)
ohv9*	0.75	0.75	1.0	(1.0)
ohv10*	0.25	0.25	0.0	(0.0)
ohv11*	0.75	0.75	1.0	(1.0)
ohv12*	0.25	0.25	0.0	(0.0)
ohv13*	0.75	0.75	1.0	(1.0)
ohv14*	0.25	0.25	0.0	(0.0)
ohv15*	0.75	0.75	1.0	(1.0)
ohv16*	0.25	0.25	0.0	(0.0)
ohv17*	0.75	0.75	1.0	(1.0)
ohv18*	0.25	0.25	0.0	(0.0)
ohv19*	0.75	0.75	1.0	(1.0)
ohv20*	0.25	0.25	0.0	(0.0)
ohv21*	0.75	0.75	1.0	(1.0)
ohv22*	0.25	0.25	0.0	(0.0)
ohv23*	0.75	0.75	1.0	(1.0)
ohv24*	0.25	0.25	0.0	(0.0)
ohv25*	0.75	0.75	1.0	(1.0)
ohv26*	0.25	0.25	0.0	(0.0)
ohv27*	0.75	0.75	1.0	(1.0)
ohv28*	0.25	0.25	0.0	(0.0)
ohv29*	0.75	0.75	1.0	(1.0)
ohv30*	0.25	0.25	0.0	(0.0)
ohv31*	0.75	0.75	1.0	(1.0)
ohv32*	0.25	0.25	0.0	(0.0)
ohv33*	0.75	0.75	1.0	(1.0)
ohv34*	0.25	0.25	0.0	(0.0)
ohv35*	0.75	0.75	1.0	(1.0)
ohv36*	0.25	0.25	0.0	(0.0)
ohv37*	0.75	0.75	1.0	(1.0)
ohv38*	0.25	0.25	0.0	(0.0)
ohv39*	0.75	0.75	1.0	(1.0)
ohv40*	0.25	0.25	0.0	(0.0)
ohv41*	0.75	0.75	1.0	(1.0)
ohv42*	0.25	0.25	0.0	(0.0)
ohv43*	0.75	0.75	1.0	(1.0)
ohv44*	0.25	0.25	0.0	(0.0)
ohv45*	0.75	0.75	1.0	(1.0)
ohv46*	0.25	0.25	0.0	(0.0)
ohv47*	0.75	0.75	1.0	(1.0)
ohv48*	0.25	0.25	0.	

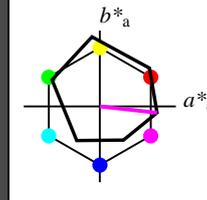
Eingabe: Farbmatisches Reflexions-System ORS18

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	47.5	145
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	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	0.0
lab*lrc	1.0	0.0	0.0	
lab*nrc	0.0	0.0	1.0	

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	-0.6	3.44	108
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	0.75	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.75	0.0	
relative Natural Colour (NC)				
lab*lrj	0.75	0.0	0.0	0.0
lab*lrc	0.75	0.0	0.0	
lab*nrc	0.0	0.75	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	144
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	
lab*ch	0.5	0.0	0.0	
lab*nch	0.0	0.5	0.0	
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	0.0
lab*lrc	0.5	0.0	0.0	
lab*nrc	0.0	0.5	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	37.25	-0.38	0.88	180
LAB*LABa	37.26	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	
lab*ch	0.25	0.0	0.0	
lab*nch	0.0	0.25	0.0	
relative Natural Colour (NC)				
lab*lrj	0.25	0.0	0.0	0.0
lab*lrc	0.25	0.0	0.0	
lab*nrc	0.0	0.25	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	0.46	216
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	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
relative Natural Colour (NC)				
lab*lrj	0.0	1.0	0.0	0.0
lab*lrc	0.0	1.0	0.0	
lab*nrc	0.0	0.0	1.0	

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	9.01	0.0	0.23	270
LAB*LABa	9.01	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	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
relative Natural Colour (NC)				
lab*lrj	0.0	1.0	0.0	0.0
lab*lrc	0.0	1.0	0.0	
lab*nrc	0.0	0.0	1.0	

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	4.5	0.0	0.11	360
LAB*LABa	4.5	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	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
relative Natural Colour (NC)				
lab*lrj	0.0	1.0	0.0	0.0
lab*lrc	0.0	1.0	0.0	
lab*nrc	0.0	0.0	1.0	

UG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

BAM-Prüfvorlage UG51; Farbmatrik-Systeme ORS18 & MRS18

D65: 5 stufige Koordinaten-Daten von 5stufigen Farbreihen für 10 Buntton

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)

ohv3*	1.0	0.5	1.0	(1.0)
cmv3*	0.0	0.5	0.0	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.77	37.1	-1.01	117
LAB*LABa	71.77	37.63	-1.17	117
LAB*TCHa	75.0	37.86	353.66	

relative CIELAB lab*

lab*lab	0.695	0.497	-0.054	
lab*ch	0.75	0.5	0.982	
lab*nch	0.0	0.5	0.982	
relative Natural Colour (NC)				
lab*lrj	0.695	0.454	-0.208	
lab*lrc	0.75	0.5	0.932	
lab*nrc	0.0	0.5	0.72	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.75	0.25	(0.0)
ohv4*	1.0	0.5	1.0	(1.0)
cmv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	52.42	37.48	-2.31	117
LAB*LABa	52.42	37.63	-1.17	117
LAB*TCHa	50.0	37.86	353.66	

relative CIELAB lab*

lab*lab	0.542	0.745	-0.082	
lab*ch	0.625	0.75	0.982	
lab*nch	0.0	0.75	0.982	
relative Natural Colour (NC)				
lab*lrj	0.542	0.682	-0.312	
lab*lrc	0.625	0.75	0.932	
lab*nrc	0.0	0.75	0.72	

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.75	(1.0)
cmv3*	0.25	0.0	0.25	(0.0)
ohv4*	1.0	0.25	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	40.61	56.51	-5.2	117
LAB*LABa	40.61	56.44	-6.26	117
LAB*TCHa	37.51	56.79	353.66	

relative CIELAB lab*

lab*lab	0.292	0.745	-0.082	
lab*ch	0.375	0.75	0.982	
lab*nch	0.0	0.75	0.982	
relative Natural Colour (NC)				
lab*lrj	0.292	0.682	-0.312	
lab*lrc	0.375	0.75	0.932	
lab*nrc	0.0	0.75	0.72	

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.5	(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	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.08	37.24	-6.62	117
LAB*LABa	33.08	37.63	-4.17	117
LAB*TCHa	25.01	37.86	353.66	

relative CIELAB lab*

lab*lab	0.195	0.497	-0.054	
lab*ch	0.25	0.5	0.982	
lab*nch	0.0	0.5	0.982	
relative Natural Colour (NC)				
lab*lrj	0.195	0.454	-0.208	
lab*lrc	0.25	0.5	0.932	
lab*nrc	0.0	0.5	0.72	

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.25	(1.0)
cmv3*	0.75	0.0	0.75	(0.0)
ohv4*	1.0	0.25	1.0	(1.0)
cmv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.34	18.81	-2.08	117
LAB*LABa	25.34	18.81	-2.08	117
LAB*TCHa	12.5	18.92	353.66	

relative CIELAB lab*

lab*lab	0.097	0.248	-0.027	
lab*ch	0.125	0.25	0.982	
lab*nch	0.0	0.25	0.982	
relative Natural Colour (NC)				
lab*lrj	0.097	0.225	-0.103	
lab*lrc	0.125	0.25	0.932	
lab*nrc	0.0	0.25	0.72	

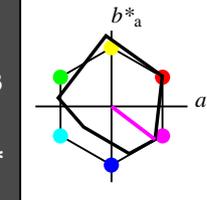
Ausgabe: Farbmatisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 323/360 = 0.896$

lab^*ch und lab^*nch

D65: Buntton B50R
 LCH*Ma: 35 72 323
 rgb*Ma: 1.0 0.0 1.0

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*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	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	0.0
lab*lrc	1.0	0.0	0.0	
lab*nrc	0.0	0.0	1.0	

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(

Eingabe: Farbmatisches Reflexions-System ORS18

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

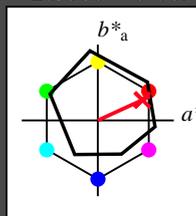
lab^*ch und lab^*nch

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

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	51.42	23.64	1.84
LAB*LAB	59.85	51.42	23.64	1.84
LAB*TCiHa	62.5	56.29	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	48.01	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*	0.75	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	0.622	(1.0)
cmv3*	0.25	0.5	0.378	(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	(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	34.28	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	(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	48.01	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*	0.75	0.0	0.242	(1.0)
cmv3*	0.25	1.0	0.758	(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	40.51	81.49	37.7	1.84
LAB*LAB	40.51	81.49	37.7	1.84
LAB*TCiHa	37.51	86.29	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.375	(1.0)
cmv3*	0.25	0.75	0.625	(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	59.85	51.42	23.64	1.84
LAB*LAB	59.85	51.42	23.64	1.84
LAB*TCiHa	62.5	56.29	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	37.51	81.49	37.7	1.84
LAB*LAB	37.51	81.49	37.7	1.84
LAB*TCiHa	35.0	86.29	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	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	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	34.27	15.77	1.84
LAB*TCiHa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.625	(0.0)
ohv4*	1.0	0.25	0.322	(1.0)
cmv4*	0.0	0.75	0.678	(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	0.5	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	1.84
LAB*LAB	56.71	0.0	0.0	1.84
LAB*TCiHa	50.0	0.01	-	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.375	(1.0)
cmv3*	0.25	0.75	0.625	(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*TCiHa	37.5	18.87	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.161	(1.0)
cmv3*	0.5	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	34.27	15.77	1.84
LAB*TCiHa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.25	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	37.51	81.49	37.7	1.84
LAB*LAB	37.51	81.49	37.7	1.84
LAB*TCiHa	35.0	86.29	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	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	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	34.27	15.77	1.84
LAB*TCiHa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.625	(0.0)
ohv4*	1.0	0.25	0.322	(1.0)
cmv4*	0.0	0.75	0.678	(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*	0.0	0.25	0.25	(1.0)
cmv3*	0.25	0.75	0.625	(0.0)
ohv4*	1.0	0.25	0.322	(1.0)
cmv4*	0.0	0.75	0.678	(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*	0.0	0.0	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	34.27	15.77	1.84
LAB*TCiHa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	34.27	15.77	1.84
LAB*TCiHa	25.01	37.73	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.25	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	37.51	81.49	37.7	1.84
LAB*LAB	37.51	81.49	37.7	1.84
LAB*TCiHa	35.0	86.29	24.7	1.84

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(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	33.01	34.27	15.77	1.84
LAB*LAB	33.01	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	0.161	(1.0)
cmv3*	0.75	1.0	0.839	(0.0)
oh				

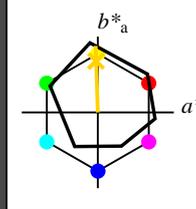
Eingabe: Farbmetrisches Reflexions-System ORS18

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)

ohv13*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv14*	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	4.75
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	-	-

relative Inform. Technology (IT)

ohv13*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
ohv14*	1.0	0.975	0.75	1.0
cmv4*	0.0	0.025	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	93.1	-1.64	26.52	26.52
LAB*LABa	93.1	-0.7	21.93	21.93
LAB*TCHa	87.5	21.93	91.86	91.86

relative Inform. Technology (IT)

ohv13*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
ohv14*	1.0	0.951	0.5	1.0
cmv4*	0.0	0.049	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	90.8	-2.3	48.29	48.29
LAB*LABa	90.8	-1.41	43.85	43.85
LAB*TCHa	75.0	43.87	91.85	91.85

relative Inform. Technology (IT)

ohv13*	1.0	0.926	0.25	(1.0)
cmv3*	0.0	0.074	0.25	(0.0)
ohv14*	1.0	0.926	0.25	1.0
cmv4*	0.0	0.074	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	88.49	-2.96	70.06	70.06
LAB*LABa	88.49	-1.11	65.77	65.77
LAB*TCHa	62.5	65.81	91.85	91.85

relative Inform. Technology (IT)

ohv13*	1.0	0.901	0.0	(1.0)
cmv3*	0.0	0.099	0.0	(0.0)
ohv14*	1.0	0.901	0.0	1.0
cmv4*	0.0	0.099	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	86.19	-3.62	91.83	91.83
LAB*LABa	86.19	-2.82	87.69	87.69
LAB*TCHa	50.0	87.73	91.85	91.85

relative Inform. Technology (IT)

ohv13*	0.75	0.676	0.0	(1.0)
cmv3*	0.25	0.299	0.0	(0.0)
ohv14*	1.0	0.951	0.5	1.0
cmv4*	0.0	0.049	0.5	0.25
standard and adapted CIELAB				
LAB*LAB	71.45	-1.92	46.99	46.99
LAB*LABa	71.45	-1.4	43.85	43.85
LAB*TCHa	50.0	43.87	91.84	91.84

relative Inform. Technology (IT)

ohv13*	0.5	0.523	0.5	(1.0)
cmv3*	0.5	0.523	0.5	(0.0)
ohv14*	1.0	0.975	0.75	1.0
cmv4*	0.0	0.025	0.25	0.75
standard and adapted CIELAB				
LAB*LAB	54.4	-0.89	31.92	31.92
LAB*LABa	54.4	-0.7	21.93	21.93
LAB*TCHa	37.5	21.94	91.84	91.84

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv14*	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	-0.89	31.92	31.92
LAB*LABa	37.5	-0.7	21.93	21.93
LAB*TCHa	25.0	21.94	91.84	91.84

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv14*	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	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv14*	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	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LABa	0.0	0.0	0.0	0.0
LAB*TCHa	0.0	0.0	0.0	0.0

UG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

BAM-Prüfvorlage UG51; Farbmetrik-Systeme ORS18 & MRS18

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen

Output: $cmv0^* setcmycolor$ / $w^* setgray$

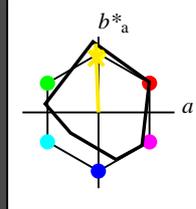
Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

lab^*ch und lab^*nch

D65: Buntton J
 LCH*Ma: 89 91 92
 rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 92$

relative Inform. Technology (IT)

ohv13*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv14*	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*LABa	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	-	-

relative Inform. Technology (IT)

ohv13*	1.0	0.988	0.75	(1.0)
cmv3*	0.0	0.012	0.25	(0.0)
ohv14*	1.0	0.988	0.75	1.0
cmv4*	0.0	0.012	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	93.73	-0.91	22.65	22.65
LAB*LABa	93.73	-0.92	22.65	22.65
LAB*TCHa	87.5	22.67	92.35	92.35

relative Inform. Technology (IT)

ohv13*	1.0	0.973	0.5	(1.0)
cmv3*	0.0	0.027	0.5	(0.0)
ohv14*	1.0	0.973	0.5	1.0
cmv4*	0.0	0.027	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	92.06	-1.83	45.31	45.31
LAB*LABa	92.06	-1.84	45.31	45.31
LAB*TCHa	75.0	45.35	92.34	92.34

relative Inform. Technology (IT)

ohv13*	1.0	0.958	0.25	(1.0)
cmv3*	0.0	0.042	0.25	(0.0)
ohv14*	1.0	0.958	0.25	1.0
cmv4*	0.0	0.042	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	90.38	-2.75	67.96	67.96
LAB*LABa	90.38	-2.77	67.96	67.96
LAB*TCHa	62.5	68.02	92.34	92.34

relative Inform. Technology (IT)

ohv13*	1.0	0.933	0.0	(1.0)
cmv3*	0.0	0.067	0.0	(0.0)
ohv14*	1.0	0.933	0.0	1.0
cmv4*	0.0	0.067	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	88.71	-3.67	90.61	90.61
LAB*LABa	88.71	-3.69	90.61	90.61
LAB*TCHa	50.0	90.68	92.34	92.34

relative Inform. Technology (IT)

ohv13*	0.75	0.726	0.25	(1.0)
cmv3*	0.25	0.274	0.75	(0.0)
ohv14*	1.0	0.976	0.75	1.0
cmv4*	0.0	0.024	0.25	0.75
standard and adapted CIELAB				
LAB*LAB	72.71	-1.84	45.32	45.32
LAB*LABa	72.71	-1.84	45.31	45.31
LAB*TCHa	50.0	45.35	92.33	92.33

relative Inform. Technology (IT)

ohv13*	0.5	0.512	0.75	(0.0)
cmv3*	0.5	0.512	0.75	(0.0)
ohv14*	1.0	0.988	0.75	1.0
cmv4*	0.0	0.012	0.25	0.5
standard and adapted CIELAB				
LAB*LAB	62.5	-0.88	22.66	22.66
LAB*LABa	62.5	-0.91	22.66	22.66
LAB*TCHa	37.5	22.67	92.33	92.33

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv14*	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	-0.89	31.92	31.92
LAB*LABa	37.5	-0.7	21.93	21.93
LAB*TCHa	25.0	21.94	91.84	91.84

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LABa	0.0	0.0	0.0	0.0
LAB*TCHa	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv14*	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	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv13*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv14*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LABa	0.0	0.0	0.0	0.0
LAB*TCHa	0.0	0.0	0.0	0.0

relative Bunttheit c^*

relative Bunttheit c^*

relative Bunttheit c^*

relative Bunttheit c^*

BAM-Registrierung: 20060101-UG51/10S/S51G07FP.PS/.PDF BAM-Material: Code=th4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen, Yr=2.5, XYZ
 /UG51/ Form 8/10, Serie: 1/1, Seite: 8
 Schenck hung 8

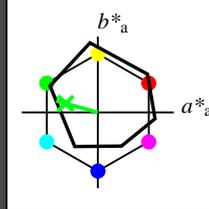
Eingabe: Farbmetrisches Reflexions-System ORS18

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^*



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)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 0.0 0.0 0.0 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 0.0
 LAB*LABa 95.41 0.0 0.0
 LAB*TCHa 99.99 0.01 0.0

relative CIELAB lab*
 lab^*lab 1.0 0.0 0.0
 lab^*ch 1.0 0.0 0.0
 lab^*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 1.0 0.0 0.0
 lab^*tce 1.0 0.0 0.0
 lab^*tce 0.0 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.75 1.0 0.812 (1.0)
 cmv^*_a 0.25 0.0 0.188 (0.0)
 ohv^*_a 0.75 1.0 0.812 (1.0)
 cmv^*_a 0.25 0.0 0.188 (0.0)
 standard and adapted CIELAB
 LAB*LAB 84.75 -14.46 7.85
 LAB*LABa 84.75 -13.69 3.81
 LAB*TCHa 87.5 14.22 164.46

relative CIELAB lab*
 lab^*lab 0.862 -0.24 0.067
 lab^*ch 0.875 0.25 0.457
 lab^*nch 0.0 0.25 0.457
 relative Natural Colour (NC)
 lab^*trj 0.862 -0.249 0.0
 lab^*tce 0.875 0.25 0.457
 lab^*tce 0.0 0.25 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.5 1.0 0.623 (1.0)
 cmv^*_a 0.5 0.0 0.377 (0.0)
 ohv^*_a 0.5 1.0 0.623 (1.0)
 cmv^*_a 0.5 0.0 0.377 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.1 -27.96 10.94
 LAB*LABa 74.1 -27.39 7.62
 LAB*TCHa 75.0 28.44 164.46

relative CIELAB lab*
 lab^*lab 0.725 -0.481 0.134
 lab^*ch 0.75 0.5 0.457
 lab^*nch 0.0 0.5 0.457
 relative Natural Colour (NC)
 lab^*trj 0.725 -0.499 0.0
 lab^*tce 0.75 0.5 0.457
 lab^*tce 0.0 0.5 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.75 0.75 0.75 (1.0)
 cmv^*_a 0.25 0.25 0.25 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 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 75.0 0.01 0.0

relative CIELAB lab*
 lab^*lab 0.75 0.0 0.0
 lab^*ch 0.75 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.75 0.0 0.0
 lab^*tce 0.75 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.5 0.75 0.5 (1.0)
 cmv^*_a 0.5 0.25 0.25 (0.0)
 ohv^*_a 0.75 1.0 0.812 (0.75)
 cmv^*_a 0.25 0.0 0.188 (0.25)
 standard and adapted CIELAB
 LAB*LAB 65.41 -14.1 6.55
 LAB*LABa 65.41 -13.69 3.81
 LAB*TCHa 62.5 14.22 164.46

relative CIELAB lab*
 lab^*lab 0.612 -0.249 0.0
 lab^*ch 0.625 0.25 0.457
 lab^*nch 0.25 0.25 0.457
 relative Natural Colour (NC)
 lab^*trj 0.612 -0.249 0.0
 lab^*tce 0.625 0.25 0.457
 lab^*tce 0.25 0.25 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.75 0.25 (1.0)
 cmv^*_a 0.75 0.25 0.25 (0.0)
 ohv^*_a 0.5 1.0 0.623 (0.5)
 cmv^*_a 0.5 0.0 0.377 (0.5)
 standard and adapted CIELAB
 LAB*LAB 54.75 -27.6 9.64
 LAB*LABa 54.75 -27.39 7.62
 LAB*TCHa 50.0 28.44 164.46

relative CIELAB lab*
 lab^*lab 0.475 -0.499 0.0
 lab^*ch 0.475 0.5 0.457
 lab^*nch 0.0 0.5 0.457
 relative Natural Colour (NC)
 lab^*trj 0.475 -0.499 0.0
 lab^*tce 0.475 0.5 0.457
 lab^*tce 0.0 0.5 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.25 0.25 (1.0)
 cmv^*_a 0.75 0.5 0.5 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 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 50.0 0.01 0.0

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.5 0.25 (1.0)
 cmv^*_a 0.75 0.25 0.25 (0.0)
 ohv^*_a 0.5 1.0 0.623 (0.5)
 cmv^*_a 0.5 0.0 0.377 (0.5)
 standard and adapted CIELAB
 LAB*LAB 47.5 -27.6 9.64
 LAB*LABa 47.5 -27.39 7.62
 LAB*TCHa 42.5 14.22 164.46

relative CIELAB lab*
 lab^*lab 0.375 -0.481 0.134
 lab^*ch 0.475 0.5 0.457
 lab^*nch 0.0 0.5 0.457
 relative Natural Colour (NC)
 lab^*trj 0.375 -0.499 0.0
 lab^*tce 0.475 0.5 0.457
 lab^*tce 0.0 0.5 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.0 0.75 0.0 (1.0)
 cmv^*_a 1.0 0.0 0.754 (0.0)
 ohv^*_a 0.0 1.0 0.246 (1.0)
 cmv^*_a 0.0 0.0 0.754 (0.0)
 standard and adapted CIELAB
 LAB*LAB 52.8 -54.95 17.13
 LAB*LABa 52.8 -54.79 15.24
 LAB*TCHa 50.0 56.88 164.45

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.5 0.5 0.5 (1.0)
 cmv^*_a 0.5 0.5 0.5 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 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 50.0 0.01 0.0

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.25 0.25 (1.0)
 cmv^*_a 0.75 0.25 0.25 (0.0)
 ohv^*_a 0.5 1.0 0.623 (0.5)
 cmv^*_a 0.5 0.0 0.377 (0.5)
 standard and adapted CIELAB
 LAB*LAB 47.5 -27.6 9.64
 LAB*LABa 47.5 -27.39 7.62
 LAB*TCHa 42.5 14.22 164.46

relative CIELAB lab*
 lab^*lab 0.375 -0.481 0.134
 lab^*ch 0.475 0.5 0.457
 lab^*nch 0.0 0.5 0.457
 relative Natural Colour (NC)
 lab^*trj 0.375 -0.499 0.0
 lab^*tce 0.475 0.5 0.457
 lab^*tce 0.0 0.5 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.0 0.25 0.0 (1.0)
 cmv^*_a 1.0 0.25 0.815 (0.0)
 ohv^*_a 0.0 1.0 0.435 (1.0)
 cmv^*_a 0.0 0.75 0.457 (1.0)
 standard and adapted CIELAB
 LAB*LAB 44.11 -41.09 12.73
 LAB*LABa 44.11 -41.09 11.44
 LAB*TCHa 42.5 42.66 164.45

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.25 0.25 (1.0)
 cmv^*_a 0.75 0.75 0.75 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 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 50.0 0.01 0.0

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.5 0.25 (1.0)
 cmv^*_a 0.75 0.25 0.25 (0.0)
 ohv^*_a 0.5 1.0 0.623 (0.5)
 cmv^*_a 0.5 0.0 0.377 (0.5)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.3 8.34
 LAB*LABa 35.41 -27.39 7.63
 LAB*TCHa 25.01 28.44 164.45

relative CIELAB lab*
 lab^*lab 0.375 -0.481 0.134
 lab^*ch 0.475 0.5 0.457
 lab^*nch 0.0 0.5 0.457
 relative Natural Colour (NC)
 lab^*trj 0.375 -0.499 0.0
 lab^*tce 0.475 0.5 0.457
 lab^*tce 0.0 0.5 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.0 0.75 0.0 (1.0)
 cmv^*_a 1.0 0.75 0.5 (0.0)
 ohv^*_a 0.0 1.0 0.246 (1.0)
 cmv^*_a 0.0 0.0 0.754 (1.0)
 standard and adapted CIELAB
 LAB*LAB 52.8 -54.95 17.13
 LAB*LABa 52.8 -54.79 15.24
 LAB*TCHa 50.0 56.88 164.45

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.25 0.25 (1.0)
 cmv^*_a 0.75 0.75 0.75 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 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 50.0 0.01 0.0

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.5 0.25 (1.0)
 cmv^*_a 0.75 0.25 0.25 (0.0)
 ohv^*_a 0.5 1.0 0.623 (0.5)
 cmv^*_a 0.5 0.0 0.377 (0.5)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.3 8.34
 LAB*LABa 35.41 -27.39 7.63
 LAB*TCHa 25.01 28.44 164.45

relative CIELAB lab*
 lab^*lab 0.375 -0.481 0.134
 lab^*ch 0.475 0.5 0.457
 lab^*nch 0.0 0.5 0.457
 relative Natural Colour (NC)
 lab^*trj 0.375 -0.499 0.0
 lab^*tce 0.475 0.5 0.457
 lab^*tce 0.0 0.5 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.0 0.25 0.0 (1.0)
 cmv^*_a 1.0 0.25 0.815 (0.0)
 ohv^*_a 0.0 1.0 0.435 (1.0)
 cmv^*_a 0.0 0.75 0.457 (1.0)
 standard and adapted CIELAB
 LAB*LAB 44.11 -41.09 12.73
 LAB*LABa 44.11 -41.09 11.44
 LAB*TCHa 42.5 42.66 164.45

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.25 0.25 (1.0)
 cmv^*_a 0.75 0.75 0.75 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 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 50.0 0.01 0.0

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.5 0.25 (1.0)
 cmv^*_a 0.75 0.25 0.25 (0.0)
 ohv^*_a 0.5 1.0 0.623 (0.5)
 cmv^*_a 0.5 0.0 0.377 (0.5)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.3 8.34
 LAB*LABa 35.41 -27.39 7.63
 LAB*TCHa 25.01 28.44 164.45

relative CIELAB lab*
 lab^*lab 0.375 -0.481 0.134
 lab^*ch 0.475 0.5 0.457
 lab^*nch 0.0 0.5 0.457
 relative Natural Colour (NC)
 lab^*trj 0.375 -0.499 0.0
 lab^*tce 0.475 0.5 0.457
 lab^*tce 0.0 0.5 0.457

relative Inform. Technology (IT)
 ohv^*_a 0.0 0.75 0.0 (1.0)
 cmv^*_a 1.0 0.75 0.5 (0.0)
 ohv^*_a 0.0 1.0 0.246 (1.0)
 cmv^*_a 0.0 0.0 0.754 (1.0)
 standard and adapted CIELAB
 LAB*LAB 52.8 -54.95 17.13
 LAB*LABa 52.8 -54.79 15.24
 LAB*TCHa 50.0 56.88 164.45

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.25 0.25 (1.0)
 cmv^*_a 0.75 0.75 0.75 (0.0)
 ohv^*_a 1.0 1.0 1.0 (1.0)
 cmv^*_a 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 50.0 0.01 0.0

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*ch 0.5 0.0 0.0
 lab^*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab^*trj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 0.0
 lab^*tce 0.25 0.0 0.0

relative Inform. Technology (IT)
 ohv^*_a 0.25 0.5 0.25 (1.0)
 cmv^*_a 0.75 0.25 0.25 (0.0)
 ohv^*_a 0.5 1.0 0.623 (0.5)
 cmv^*_a 0.5 0.0 0.377 (0.5)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.3 8.34
 LAB*LABa 35.41 -2

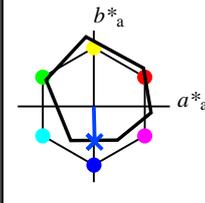
Eingabe: Farbmetrisches Reflexions-System ORS18

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

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	0.75		