

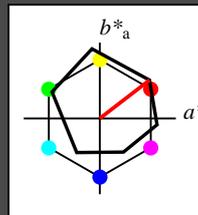
Eingabe: Farbmetrisches Reflexions-System ORS18

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)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

ohv1*	1.0	0.5	0.5	(1.0)
ohv2*	0.0	0.5	0.5	(0.0)
ohv3*	1.0	0.5	0.5	(1.0)
ohv4*	0.0	0.5	0.5	(0.0)
ohv5*	1.0	0.5	0.5	(1.0)
ohv6*	0.0	0.5	0.5	(0.0)
ohv7*	1.0	0.5	0.5	(1.0)
ohv8*	0.0	0.5	0.5	(0.0)
ohv9*	1.0	0.5	0.5	(1.0)
ohv10*	0.0	0.5	0.5	(0.0)
ohv11*	1.0	0.5	0.5	(1.0)
ohv12*	0.0	0.5	0.5	(0.0)
ohv13*	1.0	0.5	0.5	(1.0)
ohv14*	0.0	0.5	0.5	(0.0)
ohv15*	1.0	0.5	0.5	(1.0)
ohv16*	0.0	0.5	0.5	(0.0)
ohv17*	1.0	0.5	0.5	(1.0)
ohv18*	0.0	0.5	0.5	(0.0)
ohv19*	1.0	0.5	0.5	(1.0)
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ohv7*	1.0	0.25	0.25	(1.0)
ohv8*	0.0	0.25	0.25	(0.0)
ohv9*	1.0	0.25	0.25	(1.0)
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ohv14*	0.0	0.25	0.25	(0.0)
ohv15*	1.0	0.25	0.25	(1.0)
ohv16*	0.0	0.25	0.25	(0.0)
ohv17*	1.0	0.25	0.25	(1.0)
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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)
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ohv5*	1.0	1.0	1.0	(1.0)
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relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(1.0)
ohv2*	0.5	0.5	0.5	(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)
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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)

relative Inform. Technology (IT)

ohv1*	0.5	0.25	0.25	(1.0)
ohv2*	0.25	0.75	0.75	(0.0)
ohv3*	1.0	0.5	0.5	(1.0)
ohv4*	0.0	0.5	0.5	(0.0)
ohv5*	1.0	0.5	0.5	(1.0)
ohv6*	0.0	0.5	0.5	(0.0)
ohv7*	1.0	0.5	0.5	(1.0)
ohv8*	0.0	0.5	0.5	(0.0)
ohv9*	1.0	0.5	0.5	(1.0)
ohv10*	0.0	0.5	0.5	(0.0)
ohv11*	1.0	0.5	0.5	(1.0)
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ohv17*	1.0	0.5	0.5	(1.0)
ohv18*	0.0	0.5	0.5	(0.0)
ohv19*	1.0	0.5	0.5	(1.0)
ohv20*	0.0	0.5	0.5	(0.0)

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75</			

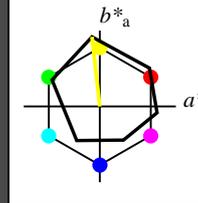
Eingabe: Farbmatisches Reflexions-System ORS18

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)

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	4.75
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*nch	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(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	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 CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.75	0.0	0.0
lab*nce	0.75	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
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	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 CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.5	0.0	0.0
lab*nce	0.5	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(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	37.36	-0.13	0.83	0.83
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	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.25	0.0	0.0
lab*nce	0.25	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.46	0.46
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0
lab*nce	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)

ohv3*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	92.88	-6.06	50.46	50.46
LAB*LABa	92.88	-5.13	45.87	45.87
LAB*TCHa	87.5	25.08	96.39	96.39

relative CIELAB lab*

lab*lab	0.967	-0.055	0.497
lab*nch	0.75	0.5	0.268
lab*ch	0.0	0.5	0.268
relative Natural Colour (NC)			
lab*nrj	0.967	-0.048	0.497
lab*nce	0.75	0.5	0.266
lab*nce	0.0	0.5	0.266

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.25	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	0.5	0.75
cmv4*	0.0	0.0	0.25	0.25
standard and adapted CIELAB				
LAB*LAB	73.54	-5.69	49.17	49.17
LAB*LABa	73.54	-5.13	45.88	45.88
LAB*TCHa	62.5	23.09	96.39	96.39

relative CIELAB lab*

lab*lab	0.717	-0.048	0.498
lab*nch	0.625	0.25	0.266
lab*ch	0.0	0.25	0.266
relative Natural Colour (NC)			
lab*nrj	0.717	-0.048	0.498
lab*nce	0.625	0.25	0.266
lab*nce	0.0	0.25	0.266

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.0	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)
ohv4*	1.0	1.0	0.5	0.75
cmv4*	0.0	0.0	0.25	0.25
standard and adapted CIELAB				
LAB*LAB	55.45	-2.77	35.0	35.0
LAB*LABa	55.45	-2.56	32.94	32.94
LAB*TCHa	37.5	23.09	96.39	96.39

relative CIELAB lab*

lab*lab	0.484	-0.027	0.248
lab*nch	0.375	0.25	0.268
lab*ch	0.0	0.25	0.268
relative Natural Colour (NC)			
lab*nrj	0.484	-0.024	0.249
lab*nce	0.375	0.25	0.266
lab*nce	0.0	0.25	0.266

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.0	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	0.25	0.75
cmv4*	0.0	0.0	0.125	0.125
standard and adapted CIELAB				
LAB*LAB	36.1	-2.56	22.93	22.93
LAB*LABa	36.1	-2.56	22.93	22.93
LAB*TCHa	12.5	23.08	96.39	96.39

$n^* = 0.50$

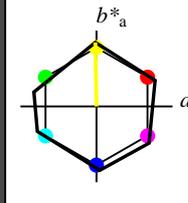
Ausgabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 91/360 = 0.253$

lab^*ch und lab^*nch

D65: Buntton J
 LCH*Ma: 53 84 91
 rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	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	95.41	0.0	-0.01	-0.01
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*nch	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	1.0	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.0	0.0	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	74.31	0.02	0.0	0.0
LAB*LABa	74.31	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*nch	0.75	0.0	0.0
lab*ch	0.25	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.75	0.0	0.0
lab*nce	0.75	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.0	0.0	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	53.21	0.04	0.0	0.0
LAB*LABa	53.21	0.0	0.0	0.0
LAB*TCHa	50.0	0.22	96.39	96.39

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*nch	0.5	0.0	0.0
lab*ch	0.25	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.5	0.0	0.0
lab*nce	0.5	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.0	0.0	0.125	(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	32.11	0.01	0.0	0.0
LAB*LABa	32.11	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*nch	0.25	0.0	0.0
lab*ch	0.125	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.25	0.0	0.0
lab*nce	0.25	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	11.01	0.0	0.0	0.0
LAB*LABa	11.01	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
relative Natural Colour (NC)			
lab*nrj	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0

$n^* = 1.0$

UG520-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.253 (rechts)

BAM-Prüfvorlage UG52; Farbmatrik-Systeme ORS18 & NRS11 input: $cmv0^* setcmykcolor$

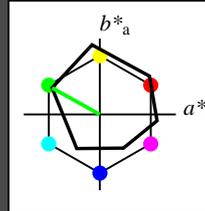
Eingabe: Farbmetrisches Reflexions-System ORS18

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	4.75	14.5
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*nrj	1.0	0.0	0.0
lab*nce	0.0	1.0	0.0
lab*nce	0.0	0.0	1.0

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	84.28	-16.43	12.74	14.5
LAB*LABa	84.28	-15.68	8.73	14.5
LAB*TCHa	87.5	17.96	15.91	14.5

relative CIELAB lab*

lab*lab	0.856	-0.217	1.122
lab*ch	0.875	0.25	0.419
lab*nch	0.0	0.25	0.419

relative Natural Colour (NC)

lab*nrj	0.856	-0.238	0.072
lab*nce	0.875	0.25	0.453
lab*nce	0.0	0.25	0.453

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	-31.94	20.73	14.5
LAB*LABa	73.15	-31.38	17.47	14.5
LAB*TCHa	75.0	35.93	15.91	14.5

relative CIELAB lab*

lab*lab	0.712	-0.436	0.243
lab*ch	0.712	0.25	0.419
lab*nch	0.0	0.25	0.419

relative Natural Colour (NC)

lab*nrj	0.712	-0.478	0.144
lab*nce	0.712	0.25	0.453
lab*nce	0.0	0.25	0.453

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	14.5
LAB*LABa	62.02	-47.09	26.21	14.5
LAB*TCHa	62.5	53.9	15.91	14.5

relative CIELAB lab*

lab*lab	0.569	-0.654	0.365
lab*ch	0.625	0.75	0.419
lab*nch	0.0	0.75	0.419

relative Natural Colour (NC)

lab*nrj	0.569	-0.717	0.217
lab*nce	0.625	0.75	0.453
lab*nce	0.0	0.75	0.453

relative Inform. Technology (IT)

ohv3*	0.0	1.0	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
ohv4*	0.0	1.0	0.0	1.0
cmv4*	1.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	50.9	-62.91	36.69	14.5
LAB*LABa	50.9	-62.78	34.94	14.5
LAB*TCHa	50.0	71.86	15.91	14.5

relative CIELAB lab*

lab*lab	0.425	-0.873	0.486
lab*ch	0.5	1.0	0.419
lab*nch	0.0	1.0	0.419

relative Natural Colour (NC)

lab*nrj	0.425	-0.956	0.289
lab*nce	0.5	1.0	0.453
lab*nce	0.0	1.0	0.453

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
ohv4*	0.0	0.5	0.5	1.0
cmv4*	0.75	0.25	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	42.68	-47.06	27.41	14.5
LAB*LABa	42.68	-47.09	26.21	14.5
LAB*TCHa	42.5	53.9	15.91	14.5

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	1.0	1.0	1.0	0.75
cmv4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	76.06	-0.6	3.44	14.5
LAB*LABa	76.06	0.0	0.0	14.5
LAB*TCHa	75.0	0.01	0.0	14.5

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

relative Inform. Technology (IT)

ohv3*	0.5	0.75	0.5	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
ohv4*	0.75	1.0	0.75	0.75
cmv4*	0.25	0.0	0.25	0.25
standard and adapted CIELAB				
LAB*LAB	64.93	-16.09	11.44	14.5
LAB*LABa	64.93	-15.69	8.74	14.5
LAB*TCHa	62.5	17.97	15.91	14.5

relative CIELAB lab*

lab*lab	0.616	-0.217	1.122
lab*ch	0.625	0.25	0.419
lab*nch	0.0	0.25	0.419

relative Natural Colour (NC)

lab*nrj	0.616	-0.238	0.072
lab*nce	0.625	0.25	0.453
lab*nce	0.0	0.25	0.453

relative Inform. Technology (IT)

ohv3*	0.25	1.0	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
ohv4*	0.25	1.0	0.25	1.0
cmv4*	0.75	0.25	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	53.8	-31.57	19.42	14.5
LAB*LABa	53.8	-31.39	17.47	14.5
LAB*TCHa	50.0	35.94	15.91	14.5

relative CIELAB lab*

lab*lab	0.462	-0.478	0.144
lab*ch	0.462	0.75	0.419
lab*nch	0.0	0.75	0.419

relative Natural Colour (NC)

lab*nrj	0.462	-0.478	0.144
lab*nce	0.462	0.75	0.453
lab*nce	0.0	0.75	0.453

relative Inform. Technology (IT)

ohv3*	0.0	0.75	0.0	(1.0)
cmv3*	1.0	0.0	1.0	(0.0)
ohv4*	0.0	0.75	0.0	1.0
cmv4*	1.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	53.21	0.04	0.0	14.5
LAB*LABa	53.21	0.0	0.0	14.5
LAB*TCHa	50.0	71.86	15.91	14.5

relative CIELAB lab*

lab*lab	0.319	-0.654	0.365
lab*ch	0.375	0.75	0.419
lab*nch	0.0	0.75	0.419

relative Natural Colour (NC)

lab*nrj	0.319	-0.717	0.217
lab*nce	0.375	0.75	0.453
lab*nce	0.0	0.75	0.453

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
ohv4*	0.0	0.25	0.25	1.0
cmv4*	0.75	0.25	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	42.68	-47.06	27.41	14.5
LAB*LABa	42.68	-47.09	26.21	14.5
LAB*TCHa	42.5	53.9	15.91	14.5

relative CIELAB lab*

lab*lab	0.213	-0.436	0.243
lab*ch	0.25	0.75	0.419
lab*nch	0.0	0.75	0.419

relative Natural Colour (NC)

lab*nrj	0.213	-0.478	0.144
lab*nce	0.25	0.75	0.453
lab*nce	0.0	0.75	0.453

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	0.0	0.0	1.0
cmv4*	1.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.0	14.5
LAB*LABa	18.02	0.0	0.0	14.5
LAB*TCHa	18.02	0.01	0.0	14.5

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	14.5
LAB*LABa	56.71	0.0	0.0	14.5
LAB*TCHa	50.0	0.01	0.0	14.5

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)

ohv3*	0.25	0.75	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
ohv4*	0.25	1.0	0.25	1.0
cmv4*	0.75	0.25	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	45.58	-15.72	10.13	14.5
LAB*LABa	45.58	-15.69	8.74	14.5
LAB*TCHa	42.5	17.97	15.91	14.5

relative CIELAB lab*

lab*lab	0.356	-0.238	0.072
lab*ch	0.356	0.25	0.419
lab*nch	0.0	0.25	0.419

relative Natural Colour (NC)

lab*nrj	0.356	-0.238	0.072
lab*nce	0.356	0.25	0.453
lab*nce	0.0	0.25	0.453

relative Inform. Technology (IT)

ohv3*	0.0	0.5	0.0	(1.0)
cmv3*	1.0	0.5	1.0	(0.0)
ohv4*	0.0	0.5	0.0	1.0
cmv4*	1.0	0.5	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	37.36	-0.23	0.83	14.5
LAB*LABa	37.36	0.0	0.0	14.5
LAB*TCHa	32.5	0.01	0.0	14.5

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)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	0.0	0.0	0.0	1.0
cmv4*	1.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	37.36	-0.23	0.83	14.5
LAB*LABa	37.36	0.0	0.0	14.5
LAB*TCHa	32.5	0.01	0.0	14.5

relative CIELAB lab*

lab*lab	0.125	-0.243	0.056
lab*ch	0.125	0.25	0.464
lab*nch	0.0	0.25	0.464

relative Natural Colour (NC)

lab*nrj	0.125	-0.248	-0.016
lab*nce	0.125	0.25	0.511
lab*nce	0.0	0.25	0.511

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	(1.0)
cmv3*	0.75	0.25	0.75	(0.0)
ohv4*	0.0	0.25	0.25	1.0
cmv4*	0.75	0.25	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	32.11	0.05	0.01	14.5
LAB*LABa	32.11	0.0	0.0	14.5
LAB*TCHa	32.11	0.01	0.0	14.5

relative CIELAB lab*

lab*lab	0.075	-0.486	0.112
lab*ch	0.075	0.25	0.464
lab*nch	0.0	0.25	0.464

relative Natural Colour (NC)

lab*nrj	0.075
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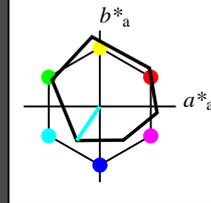
Eingabe: Farbmatisches Reflexions-System ORS18

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)
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	4.75
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	-7.1
LAB*LABa	86.21	-7.58	-11.24	-11.24
LAB*LABb	87.5	13.57	236.01	236.01

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	-18.98
LAB*LABa	77.01	-15.16	-22.5	-22.5
LAB*LABb	75.0	27.15	236.01	236.01

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	-30.86
LAB*LABa	67.81	-23.75	-33.75	-33.75
LAB*LABb	62.5	40.72	236.01	236.01

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	-45.01
LAB*LABa	58.62	-30.34	-45.01	-45.01
LAB*LABb	50.0	54.29	236.01	236.01

relative Inform. Technology (IT)

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

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	66.86	-8.01	-8.41	-8.41
LAB*LABa	66.86	-7.58	-11.25	-11.25
LAB*LABb	62.5	13.58	236.01	236.01

relative Inform. Technology (IT)

obv3*	0.25	1.0	1.0	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
obv4*	0.25	1.0	1.0	0.75
cmv4*	0.75	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	57.66	-15.42	-20.29	-20.29
LAB*LABa	57.66	-15.17	-22.5	-22.5
LAB*LABb	50.0	54.29	236.01	236.01

relative Inform. Technology (IT)

obv3*	0.0	1.0	1.0	(1.0)
cmv3*	1.0	0.25	0.25	(0.0)
obv4*	0.0	1.0	1.0	0.5
cmv4*	1.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	58.62	-30.34	-45.01	-45.01
LAB*LABa	58.62	-30.34	-45.01	-45.01
LAB*LABb	50.0	54.29	236.01	236.01

relative Inform. Technology (IT)

obv3*	0.25	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.25	(0.0)
obv4*	1.0	1.0	1.0	0.5
cmv4*	0.25	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	53.21	0.04	0.0	0.0
LAB*LABa	53.21	0.04	0.0	0.0
LAB*LABb	50.0	54.29	236.01	236.01

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
obv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.71	-0.23	2.14	2.14
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.0	0.01	-	-

relative Inform. Technology (IT)

obv3*	0.25	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.25	(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	-9.72
LAB*LABa	47.51	-7.58	-11.25	-11.25
LAB*LABb	37.5	13.58	236.01	236.01

relative Inform. Technology (IT)

obv3*	0.0	1.0	1.0	(1.0)
cmv3*	1.0	0.25	0.25	(0.0)
obv4*	0.0	1.0	1.0	0.5
cmv4*	1.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	48.41	-23.83	-33.16	-33.16
LAB*LABa	48.41	-23.75	-33.75	-33.75
LAB*LABb	37.51	40.72	236.01	236.01

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	0.656
cmv4*	1.0	0.0	0.0	0.344
standard and adapted CIELAB				
LAB*LAB	39.94	-0.496	-0.867	-0.867
LAB*LABa	39.94	-0.496	-0.867	-0.867
LAB*LABb	32.11	0.0	1.0	0.656

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
obv4*	1.0	1.0	1.0	0.5
cmv4*	0.25	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	37.51	0.0	0.0	0.0
LAB*LABa	37.51	0.0	0.0	0.0
LAB*LABb	32.11	0.0	1.0	0.656

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
obv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	37.56	-0.23	0.83	0.83
LAB*LABa	37.56	0.0	0.0	0.0
LAB*LABb	25.0	0.01	-	-

relative Inform. Technology (IT)

obv3*	0.25	0.5	0.5	(1.0)
cmv3*	0.75	0.25	0.25	(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	38.32	-5.05	-5.59	-5.59
LAB*LABa	38.32	-5.16	-22.5	-22.5
LAB*LABb	25.01	27.15	236.01	236.01

relative Inform. Technology (IT)

obv3*	0.0	1.0	1.0	(1.0)
cmv3*	1.0	0.5	0.5	(0.0)
obv4*	0.0	1.0	1.0	0.5
cmv4*	1.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	38.32	-5.05	-5.59	-5.59
LAB*LABa	38.32	-5.16	-22.5	-22.5
LAB*LABb	25.01	27.15	236.01	236.01

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	0.656
cmv4*	1.0	0.0	0.0	0.344
standard and adapted CIELAB				
LAB*LAB	39.94	-0.496	-0.867	-0.867
LAB*LABa	39.94	-0.496	-0.867	-0.867
LAB*LABb	32.11	0.0	1.0	0.656

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
obv4*	1.0	1.0	1.0	0.5
cmv4*	0.25	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	32.11	0.0	0.0	0.0
LAB*LABa	32.11	0.0	0.0	0.0
LAB*LABb	25.0	0.0	1.0	0.656

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

obv3*	0.0	0.25	0.25	(1.0)
cmv3*	1.0	0.75	0.75	(0.0)
obv4*	0.0	1.0	1.0	0.5
cmv4*	1.0	0.0	0.0	0.5
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*LABb	0.0	0.0	1.0	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	0.656
cmv4*	1.0	0.0	0.0	0.344
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*LABb	0.0	0.0	1.0	0.656

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	0.656
cmv4*	1.0	0.0	0.0	0.344
standard and adapted CIELAB				
LAB*LAB	11.01	0.0	0.0	0.0
LAB*LABa	11.01	0.0	0.0	0.0
LAB*LABb	0.0	0.0	1.0	0.656

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.5	0.5	(0.0)
obv4*	1.0	1.0	1.0	0.5
cmv4*	0.25	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	11.01	0.0	0.0	0.0
LAB*LABa	11.01	0.0	0.0	0.0
LAB*LABb	0.0	0.0	1.0	0.656

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

obv3*	0.0	0.25	0.25	(1.0)
cmv3*	1.0	0.75	0.75	(0.0)
obv4*	0.0	1.0	1.0	0.5
cmv4*	1.0	0.0	0.0	0.5
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*LABb	0.0	0.0	1.0	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	0.656
cmv4*	1.0	0.0	0.0	0.344
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*LABb	0.0	0.0	1.0	0.656

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	0.656
cmv4*	1.0	0.0	0.0	0.344
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*LABb				

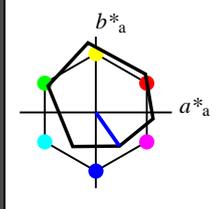
Eingabe: Farbmatisches Reflexions-System ORS18

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)

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	47.5
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCa	99.99	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	0.0
lab*ch	0.0	1.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0
relative Natural Colour (NC)	lab*lrj	0.75	0.0	0.0
lab*lrj	0.75	0.0	0.0	0.0
lab*rc	0.0	0.0	0.0	1.0
lab*rc	0.0	0.0	0.0	1.0

relative Inform. Technology (IT)

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

relative CIELAB lab*

lab*lab	0.75	0.0	0.0	0.0
lab*ch	0.75	0.0	0.0	0.0
lab*nch	0.75	0.0	0.0	0.0
relative Natural Colour (NC)	lab*lrj	0.75	0.0	0.0
lab*lrj	0.75	0.0	0.0	0.0
lab*rc	0.0	0.0	0.0	1.0
lab*rc	0.0	0.0	0.0	1.0

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	(0.5)
cmv4*	0.0	0.0	0.0	(0.5)
standard and adapted CIELAB	LAB*LAB	56.71	-0.23	2.14
LAB*LAB	56.71	0.0	0.0	0.0
LAB*TCa	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	0.5	0.0	0.0	0.0
relative Natural Colour (NC)	lab*lrj	0.5	0.0	0.0
lab*lrj	0.5	0.0	0.0	0.0
lab*rc	0.0	0.0	0.0	1.0
lab*rc	0.0	0.0	0.0	1.0

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	(0.25)
cmv4*	0.0	0.0	0.0	(0.75)
standard and adapted CIELAB	LAB*LAB	37.35	0.23	0.83
LAB*LAB	37.35	0.0	0.0	0.0
LAB*TCa	37.36	0.0	0.0	0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
obv4*	1.0	1.0	1.0	(0.0)
cmv4*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB	LAB*LAB	18.02	0.0	0.6
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCa	18.01	0.0	0.0	0.0

relative CIELAB lab*

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

$n^* = 1.0$

relative Inform. Technology (IT)

obv3*	0.75	0.75	1.0	(1.0)
cmv3*	0.25	0.25	0.0	(0.0)
obv4*	0.75	0.75	1.0	(1.0)
cmv4*	0.25	0.25	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	77.98	7.13	-7.51
LAB*LAB	77.98	7.13	-7.51	-11.09
LAB*TCa	87.5	13.55	305.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.143	-0.204	0.0
lab*ch	0.875	0.25	0.847	0.0
lab*nch	0.0	0.25	0.847	0.0
relative Natural Colour (NC)	lab*lrj	0.775	0.112	-0.222
lab*lrj	0.775	0.112	-0.222	0.0
lab*rc	0.875	0.25	0.824	0.0
lab*rc	0.0	0.25	0.824	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.75	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
obv4*	0.75	0.75	1.0	(0.75)
cmv4*	0.25	0.25	0.0	(0.25)
standard and adapted CIELAB	LAB*LAB	58.63	7.5	-8.82
LAB*LAB	58.63	7.5	-8.82	-11.1
LAB*TCa	62.5	13.56	305.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.143	-0.204	0.0
lab*ch	0.625	0.25	0.847	0.0
lab*nch	0.25	0.25	0.847	0.0
relative Natural Colour (NC)	lab*lrj	0.525	0.112	-0.222
lab*lrj	0.525	0.112	-0.222	0.0
lab*rc	0.625	0.25	0.824	0.0
lab*rc	0.25	0.25	0.824	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.75	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
obv4*	0.5	0.5	1.0	(0.75)
cmv4*	0.5	0.5	0.0	(0.25)
standard and adapted CIELAB	LAB*LAB	41.21	15.61	-21.1
LAB*LAB	41.21	15.61	-21.1	-22.21
LAB*TCa	50.0	27.12	305.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.143	-0.409	0.0
lab*ch	0.5	0.25	0.847	0.0
lab*nch	0.25	0.25	0.847	0.0
relative Natural Colour (NC)	lab*lrj	0.3	0.225	-0.446
lab*lrj	0.3	0.225	-0.446	0.0
lab*rc	0.5	0.25	0.824	0.0
lab*rc	0.25	0.25	0.824	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.75	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
obv4*	0.5	0.5	1.0	(0.5)
cmv4*	0.5	0.5	0.0	(0.5)
standard and adapted CIELAB	LAB*LAB	23.79	23.38	-33.38
LAB*LAB	23.79	23.38	-33.38	-33.38
LAB*TCa	37.51	40.67	305.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.287	-0.408	0.0
lab*ch	0.375	0.75	0.847	0.0
lab*nch	0.25	0.75	0.847	0.0
relative Natural Colour (NC)	lab*lrj	0.025	0.337	-0.669
lab*lrj	0.025	0.337	-0.669	0.0
lab*rc	0.375	0.75	0.824	0.0
lab*rc	0.25	0.75	0.824	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
obv4*	1.0	1.0	0.0	(0.0)
cmv4*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB	LAB*LAB	11.01	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*TCa	11.01	0.0	0.0	0.0

$n^* = 0.00$

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)

obv3*	0.5	0.5	1.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
obv4*	0.5	0.5	1.0	(1.0)
cmv4*	0.5	0.5	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	60.56	15.24	-19.79
LAB*LAB	60.56	15.24	-19.79	-22.2
LAB*TCa	75.0	27.11	305.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.287	-0.408	0.0
lab*ch	0.75	0.5	0.847	0.0
lab*nch	0.0	0.5	0.847	0.0
relative Natural Colour (NC)	lab*lrj	0.525	0.225	-0.446
lab*lrj	0.525	0.225	-0.446	0.0
lab*rc	0.75	0.5	0.824	0.0
lab*rc	0.0	0.5	0.824	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	1.0	(1.0)
cmv3*	0.75	0.75	0.25	(0.0)
obv4*	0.5	0.5	1.0	(0.75)
cmv4*	0.5	0.5	0.0	(0.25)
standard and adapted CIELAB	LAB*LAB	41.21	15.61	-21.1
LAB*LAB	41.21	15.61	-21.1	-22.21
LAB*TCa	50.0	27.12	305.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.143	-0.613	0.0
lab*ch	0.625	0.75	0.847	0.0
lab*nch	0.25	0.75	0.847	0.0
relative Natural Colour (NC)	lab*lrj	0.325	0.337	-0.669
lab*lrj	0.325	0.337	-0.669	0.0
lab*rc	0.625	0.75	0.824	0.0
lab*rc	0.25	0.75	0.824	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.75	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
obv4*	0.5	0.5	1.0	(0.5)
cmv4*	0.5	0.5	0.0	(0.5)
standard and adapted CIELAB	LAB*LAB	25.72	31.46	-44.36
LAB*LAB	25.72	31.46	-44.36	-44.41
LAB*TCa	50.0	54.23	305.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.287	-0.818	0.0
lab*ch	0.5	0.1	0.847	0.0
lab*nch	0.0	0.1	0.847	0.0
relative Natural Colour (NC)	lab*lrj	0.1	0.449	-0.892
lab*lrj	0.1	0.449	-0.892	0.0
lab*rc	0.5	0.1	0.824	0.0
lab*rc	0.0	0.1	0.824	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	0.0	(0.0)
obv4*	1.0	1.0	0.0	(0.0)
cmv4*	0.0	0.0	0.0	(1.0)
standard and adapted CIELAB	LAB*LAB	11.01	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*TCa	11.01	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	0.0	0.0	0.0	0.0
relative Natural Colour (NC)	lab*lrj	0.0	0.0	0.0
lab*lrj	0.0	0.0	0.0	0.0
lab*rc	0.0	0.0	0.0	1.0
lab*rc	0.0	0.0	0.0	1.0

$n^* = 0.50$

Ausgabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 273/360 = 0.758$

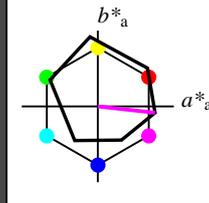
Eingabe: Farbmatisches Reflexions-System ORS18

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)
 cmy3* 0.0 0.0 0.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.97 47.5
 LAB*LAB 95.41 0.0 0.0
 LAB*TCla 99.99 0.01 -

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 -
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.6 3.44
 LAB*LAB 76.06 0.0 0.0
 LAB*TCla 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0
 lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.23 2.14
 LAB*LAB 56.71 0.0 0.0
 LAB*TCla 50.00 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.5 0.0 0.0
 lab*nce 0.5 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.36 -0.83 0.88
 LAB*LAB 37.36 0.0 0.0
 LAB*TCla 25.00 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 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.25 0.0 0.0
 lab*nce 0.25 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.46
 LAB*LAB 18.02 0.0 0.0
 LAB*TCla 10.00 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 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)
 ohv3* 1.0 0.5 1.0 (1.0)
 cmy3* 0.0 0.5 0.0 (0.0)
 ohv4* 1.0 0.5 1.0 (1.0)
 cmy4* 0.0 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 71.77 37.63 -1.17
 LAB*LAB 71.77 37.63 -1.17
 LAB*TCla 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*nrj 0.695 0.454 -0.208
 lab*nce 0.75 0.5 0.932
 lab*nce 0.0 0.5 0.72

relative Inform. Technology (IT)
 ohv3* 0.75 0.25 0.75 (1.0)
 cmy3* 0.25 0.75 0.25 (0.0)
 ohv4* 1.0 0.5 1.0 (1.0)
 cmy4* 0.0 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 64.24 18.43 0.56
 LAB*LAB 64.24 18.43 0.56
 LAB*TCla 62.5 18.93 353.66

relative CIELAB lab*
 lab*lab 0.597 0.248 -0.027
 lab*ch 0.625 0.25 0.982
 lab*nch 0.25 0.25 0.982
 relative Natural Colour (NC)
 lab*nrj 0.597 0.227 -0.103
 lab*nce 0.625 0.25 0.932
 lab*nce 0.25 0.25 0.72

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 0.5 1.0 (1.0)
 cmy4* 0.0 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 44.24 18.81 -0.73
 LAB*LAB 44.24 18.81 -0.73
 LAB*TCla 37.5 18.93 353.66

relative CIELAB lab*
 lab*lab 0.347 0.247 -0.103
 lab*ch 0.375 0.25 0.982
 lab*nch 0.0 0.25 0.982
 relative Natural Colour (NC)
 lab*nrj 0.347 0.227 -0.103
 lab*nce 0.375 0.25 0.932
 lab*nce 0.0 0.25 0.72

relative Inform. Technology (IT)
 ohv3* 0.25 0.0 0.25 (1.0)
 cmy3* 0.75 1.0 0.75 (0.0)
 ohv4* 1.0 0.25 1.0 (1.0)
 cmy4* 0.0 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 25.75 23.02 0.88
 LAB*LAB 25.75 23.02 0.88
 LAB*TCla 25.00 0.01 -

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*nrj 0.195 0.454 -0.208
 lab*nce 0.25 0.5 0.932
 lab*nce 0.0 0.5 0.72

$n^* = 0.50$

relative Inform. Technology (IT)
 ohv3* 0.5 0.25 0.5 (1.0)
 cmy3* 0.25 0.75 0.25 (0.0)
 ohv4* 1.0 0.25 1.0 (1.0)
 cmy4* 0.0 0.25 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 59.95 56.14 -3.9
 LAB*LAB 59.95 56.14 -3.9
 LAB*TCla 50.0 75.71 353.66

relative CIELAB lab*
 lab*lab 0.542 0.745 -0.082
 lab*ch 0.625 0.5 0.982
 lab*nch 0.0 0.5 0.982
 relative Natural Colour (NC)
 lab*nrj 0.542 0.682 -0.312
 lab*nce 0.625 0.75 0.932
 lab*nce 0.0 0.5 0.72

relative Inform. Technology (IT)
 ohv3* 0.75 0.0 0.75 (1.0)
 cmy3* 0.25 0.75 0.25 (0.0)
 ohv4* 1.0 0.0 1.0 (1.0)
 cmy4* 0.0 0.75 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 48.14 75.25 -8.35
 LAB*LAB 48.14 75.25 -8.35
 LAB*TCla 50.0 75.71 353.66

relative CIELAB lab*
 lab*lab 0.389 0.994 -0.109
 lab*ch 0.5 1.0 0.982
 lab*nch 0.0 1.0 0.982
 relative Natural Colour (NC)
 lab*nrj 0.389 0.909 -0.416
 lab*nce 0.5 1.0 0.932
 lab*nce 0.0 1.0 0.72

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.25 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 40.61 56.51 -5.2
 LAB*LAB 40.61 56.51 -5.2
 LAB*TCla 37.5 21.09 324.98

relative CIELAB lab*
 lab*lab 0.292 0.745 -0.082
 lab*ch 0.375 0.75 0.982
 lab*nch 0.25 0.75 0.982
 relative Natural Colour (NC)
 lab*nrj 0.292 0.682 -0.312
 lab*nce 0.375 0.75 0.932
 lab*nce 0.0 0.75 0.72

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 1.0 0.75 (0.0)
 ohv4* 1.0 0.25 1.0 (1.0)
 cmy4* 0.0 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 33.08 37.84 -6.62
 LAB*LAB 33.08 37.84 -6.62
 LAB*TCla 25.00 0.01 -

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*nrj 0.195 0.454 -0.208
 lab*nce 0.25 0.5 0.932
 lab*nce 0.0 0.5 0.72

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.50$

$n^* = 1.0$

relative Buntheit c^*

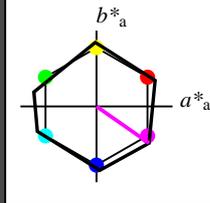
Ausgabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 325/360 = 0.903$

lab^*ch und lab^*nch

D65: Buntton B50R
 LCH*Ma: 53 84 325
 rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

relative Inform. Technology (IT)
 ohv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 -0.01
 LAB*LAB 95.41 0.0 0.0
 LAB*TCla 99.99 0.01 -

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 -
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.31 0.02 0.00
 LAB*LAB 74.31 0.02 0.00
 LAB*TCla 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.21 0.04 0.00
 LAB*LAB 53.21 0.04 0.00
 LAB*TCla 50.00 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.5 0.0 0.0
 lab*nce 0.5 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.25 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 21.09 34.55 12.11
 LAB*LAB 21.09 34.55 12.11
 LAB*TCla 25.0 21.09 324.98

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ch 0.25 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.25 0.0 0.0
 lab*nce 0.25 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 1.0 0.75 (0.0)
 ohv4* 1.0 0.25 1.0 (1.0)
 cmy4* 0.0 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 11.01 0.0 0.01
 LAB*LAB 11.01 0.0 0.01
 LAB*TCla 10.00 0.01 -

relative CIELAB lab*
 lab*lab 0.125 0.205 -0.142
 lab*ch 0.125 0.982 0.903
 lab*nch 0.0 0.25 0.903
 relative Natural Colour (NC)
 lab*nrj 0.125 0.168 -0.184
 lab*nce 0.125 0.25 0.867
 lab*nce 0.0 0.25 0.64

$n^* = 1.0$

relative Inform. Technology (IT)
 ohv3* 1.0 0.5 1.0 (1.0)
 cmy3* 0.0 0.5 0.0 (0.0)
 ohv4* 1.0 0.5 1.0 (1.0)
 cmy4* 0.0 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.3 34.57 -24.19
 LAB*LAB 74.3 34.57 -24.19
 LAB*TCla 75.0 42.18 324.98

relative CIELAB lab*
 lab*lab 0.75 0.409 -0.286
 lab*ch 0.75 0.5 0.903
 lab*nch 0.0 0.5 0.903
 relative Natural Colour (NC)
 lab*nrj 0.75 0.336 -0.37
 lab*nce 0.75 0.5 0.867
 lab*nce 0.0 0.5 0.64

relative Inform. Technology (IT)
 ohv3* 0.75 0.25 0.75 (1.0)
 cmy3* 0.25 0.75 0.25 (0.0)
 ohv4* 1.0 0.5 1.0 (1.0)
 cmy4* 0.0 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 63.75 17.31 -12.09
 LAB*LAB 63.75 17.31 -12.09
 LAB*TCla 62.5 21.09 324.98

relative CIELAB lab*
 lab*lab 0.625 0.614 -0.429
 lab*ch 0.75 0.5 0.903
 lab*nch 0.0 0.5 0.903
 relative Natural Colour (NC)
 lab*nrj 0.625 0.503 -0.555
 lab*nce 0.625 0.75 0.867
 lab*nce 0.0 0.5 0.64

relative Inform. Technology (IT)
 ohv3* 0.5 0.25 0.5 (1.0)
 cmy3* 0.25 0.75 0.25 (0.0)
 ohv4* 1.0 0.25 1.0 (1.0)
 cmy4* 0.0 0.25 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 42.65 17.32 -12.08
 LAB*LAB 42.65 17.32 -12.08
 LAB*TCla 37.5 21.09 324.98

relative CIELAB lab*
 lab*lab 0.375 0.614 -0.429
 lab*ch 0.375 0.25 0.903
 lab*nch 0.0 0.25 0.903
 relative Natural Colour (NC)
 lab*nrj 0.375 0.168 -0.184
 lab*nce 0.375 0.25 0.867
 lab*nce 0.0 0.25 0.64

relative Inform. Technology (IT)
 ohv3* 0.25 0.0 0.25 (1.0)
 cmy3* 0.75 1.0 0.75 (0.0)
 ohv4* 1.0 0.25 1.0 (1.0)
 cmy4* 0.0 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 21.55 17.27 -12.09
 LAB*LAB 21.55 17.27 -12.09
 LAB*TCla 25.0 21.08 324.98

relative CIELAB lab*
 lab*lab 0.25 0.409 -0.286
 lab*ch 0.25 0.5 0.903
 lab*nch 0.0 0.5 0.903
 relative Natural Colour (NC)
 lab*nrj 0.25 0.336 -0.37
 lab*nce 0.25 0.5 0.867
 lab*nce 0.0 0.5 0.64

$n^* = 0.50$

relative Inform. Technology (IT)
 ohv3* 0.75 0.0 0.75 (1.0)
 cmy3* 0.25 0.75 0.25 (0.0)
 ohv4* 1.0 0.0 1.0 (1.0)
 cmy4* 0.0 0.75 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 53.2 34.55 -24.2
 LAB*LAB 53.2 34.55 -24.2
 LAB*TCla 50.0 42.19 324.98

relative CIELAB lab*
 lab*lab 0.5 0.409 -0.286
 lab*ch 0.5 0.5 0.903
 lab*nch 0.0 0.5 0.903
 relative Natural Colour (NC)
 lab*nrj 0.5 0.336 -0.37
 lab*nce 0.5 0.5 0.867
 lab*nce 0.0 0.5 0.64

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 0.5 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 33.24 34.55 -24.18
 LAB*LAB 33.24 34.55 -24.18
 LAB*TCla 37.5 21.09 324.98

Eingabe: Farbmatisches Reflexions-System ORS18

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

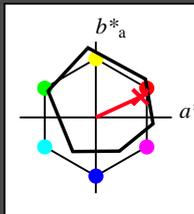
lab^*ch und lab^*nch

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	4.75
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCiA	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	11.84
LAB*LAB	83.55	17.13	7.88	7.88
LAB*TCiA	87.5	18.86	24.69	24.69

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	18.92
LAB*LAB	71.7	34.27	15.76	15.76
LAB*TCiA	75.0	37.72	24.69	24.69

relative Inform. Technology (IT)

ohv3*	1.0	0.25	0.492	(1.0)
cmv3*	0.0	0.25	0.508	(0.0)
ohv4*	1.0	0.25	0.492	1.0
cmv4*	0.0	0.25	0.508	0.0
standard and adapted CIELAB				
LAB*LAB	59.85	51.42	23.64	23.64
LAB*LAB	59.85	52.35	20.47	20.47
LAB*TCiA	62.5	56.59	24.7	24.7

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	33.09
LAB*LAB	48.01	68.55	31.53	31.53
LAB*TCiA	50.0	75.45	24.7	24.7

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

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.522	(1.0)
cmv3*	0.25	0.5	0.478	(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	10.54
LAB*LAB	64.21	17.14	7.88	7.88
LAB*TCiA	62.5	18.87	24.7	24.7

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	17.62
LAB*LAB	52.36	34.28	15.77	15.77
LAB*TCiA	50.0	37.73	24.7	24.7

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	42.65	18.77	8.94	8.94
LAB*LAB	42.65	18.72	8.93	8.93
LAB*TCiA	42.65	20.75	25.49	25.49

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.25	(1.0)
cmv3*	0.25	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	33.01	34.27	15.77	15.77
LAB*LAB	33.01	34.27	15.77	15.77
LAB*TCiA	32.11	37.45	17.84	17.84

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	25.0	0.01	-	-

relative Inform. Technology (IT)

ohv3*	0.25	0.125	0.125	(1.0)
cmv3*	0.75	0.875	0.875	(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	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*TCiA	18.02	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.125	0.125	(1.0)
cmv3*	0.75	0.875	0.875	(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	13.0	0.0	0.0	0.0
LAB*LAB	13.0	0.0	0.0	0.0
LAB*TCiA	13.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	(1.0)
cmv3*	0.75	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	11.01	0.0	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*TCiA	11.01	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCiA	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

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

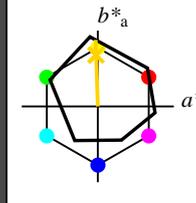
Eingabe: Farbmetrisches Reflexions-System ORS18

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)

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	47.75
LAB*LAB	95.41	0.0	0.0	0.0
LAB*TCa	99.99	0.01	-	-

relative Inform. Technology (IT)

ohv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
ohv4*	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
LAB*LAB	93.1	-0.7	21.92	-
LAB*TCa	87.5	21.93	91.86	-

relative Inform. Technology (IT)

ohv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
ohv4*	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
LAB*LAB	90.8	-1.41	43.85	-
LAB*TCa	75.0	43.87	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.926	0.25	(1.0)
cmv3*	0.0	0.074	0.25	(0.0)
ohv4*	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
LAB*LAB	88.49	-2.11	65.77	-
LAB*TCa	62.5	65.81	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.901	0.0	(1.0)
cmv3*	0.0	0.099	0.0	(0.0)
ohv4*	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
LAB*LAB	86.19	-2.82	87.69	-
LAB*TCa	50.0	87.73	91.85	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	0.5
ohv4*	0.5	0.5	0.5	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB	LAB*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0	0.0
LAB*TCa	50.0	87.73	91.85	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	42.65	-0.78	20.73
LAB*LAB	42.65	-0.82	20.73	-
LAB*TCa	37.5	20.74	92.33	-

relative Inform. Technology (IT)

ohv3*	0.125	0.125	0.125	(1.0)
cmv3*	0.875	0.875	0.875	(0.0)
ohv4*	1.0	1.0	1.0	0.125
cmv4*	0.0	0.0	0.0	0.875
standard and adapted CIELAB	LAB*LAB	21.55	-0.83	20.71
LAB*LAB	21.55	-0.83	20.71	-
LAB*TCa	12.5	20.73	92.33	-

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	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	11.01	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*TCa	0.0	0.0	91.85	-

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	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCa	0.0	0.0	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
ohv4*	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
LAB*LAB	93.1	-0.7	21.92	-
LAB*TCa	87.5	21.93	91.86	-

relative Inform. Technology (IT)

ohv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
ohv4*	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
LAB*LAB	90.8	-1.41	43.85	-
LAB*TCa	75.0	43.87	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.926	0.25	(1.0)
cmv3*	0.0	0.074	0.25	(0.0)
ohv4*	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
LAB*LAB	88.49	-2.11	65.77	-
LAB*TCa	62.5	65.81	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.901	0.0	(1.0)
cmv3*	0.0	0.099	0.0	(0.0)
ohv4*	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
LAB*LAB	86.19	-2.82	87.69	-
LAB*TCa	50.0	87.73	91.85	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	0.5
ohv4*	0.5	0.5	0.5	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB	LAB*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0	0.0
LAB*TCa	50.0	87.73	91.85	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	42.65	-0.78	20.73
LAB*LAB	42.65	-0.82	20.73	-
LAB*TCa	37.5	20.74	92.33	-

relative Inform. Technology (IT)

ohv3*	0.125	0.125	0.125	(1.0)
cmv3*	0.875	0.875	0.875	(0.0)
ohv4*	1.0	1.0	1.0	0.125
cmv4*	0.0	0.0	0.0	0.875
standard and adapted CIELAB	LAB*LAB	21.55	-0.83	20.71
LAB*LAB	21.55	-0.83	20.71	-
LAB*TCa	12.5	20.73	92.33	-

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	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	11.01	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*TCa	0.0	0.0	91.85	-

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	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCa	0.0	0.0	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
ohv4*	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
LAB*LAB	93.1	-0.7	21.92	-
LAB*TCa	87.5	21.93	91.86	-

relative Inform. Technology (IT)

ohv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
ohv4*	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
LAB*LAB	90.8	-1.41	43.85	-
LAB*TCa	75.0	43.87	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.926	0.25	(1.0)
cmv3*	0.0	0.074	0.25	(0.0)
ohv4*	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
LAB*LAB	88.49	-2.11	65.77	-
LAB*TCa	62.5	65.81	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.901	0.0	(1.0)
cmv3*	0.0	0.099	0.0	(0.0)
ohv4*	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
LAB*LAB	86.19	-2.82	87.69	-
LAB*TCa	50.0	87.73	91.85	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	1.0	1.0	1.0	0.5
ohv4*	0.5	0.5	0.5	0.5
cmv4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB	LAB*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0	0.0
LAB*TCa	50.0	87.73	91.85	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	1.0	0.25
cmv4*	0.0	0.0	0.0	0.75
standard and adapted CIELAB	LAB*LAB	42.65	-0.78	20.73
LAB*LAB	42.65	-0.82	20.73	-
LAB*TCa	37.5	20.74	92.33	-

relative Inform. Technology (IT)

ohv3*	0.125	0.125	0.125	(1.0)
cmv3*	0.875	0.875	0.875	(0.0)
ohv4*	1.0	1.0	1.0	0.125
cmv4*	0.0	0.0	0.0	0.875
standard and adapted CIELAB	LAB*LAB	21.55	-0.83	20.71
LAB*LAB	21.55	-0.83	20.71	-
LAB*TCa	12.5	20.73	92.33	-

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	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	11.01	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*TCa	0.0	0.0	91.85	-

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	0.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB	LAB*LAB	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*TCa	0.0	0.0	91.85	-

relative Inform. Technology (IT)

ohv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
ohv4*	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
LAB*LAB	93.1	-0.7	21.92	-
LAB*TCa	87.5	21.93	91.86	-

relative Inform. Technology (IT)

ohv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
ohv4*	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
LAB*LAB	90.8	-1.41	43.85	-
LAB*TCa	75.0	43.87	91.85	-

relative Inform. Technology (IT)

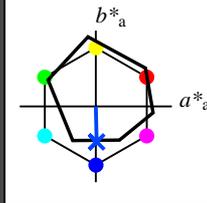
ohv3*	1.0	0.926	0.25	(1.0)
cmv3*	0.0	0.074	0.25	(0.0)
ohv4*	1.0	0.926	0.25	1.0
cmv4*	0.0	0.074	0.25	0.0
standard and adapted CIELAB	LAB*LAB			

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^*



relative Inform. Technology (IT)
 ohv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.97 47.75
 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)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 82.0 0.27 -11.17
 LAB*LABa 82.0 0.27 -11.17
 LAB*TCHa 87.5 11.18 271.39

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 68.59 0.54 -22.35
 LAB*LABa 68.59 0.54 -22.35
 LAB*TCHa 75.0 22.36 271.4

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.85 -27.71
 LAB*LABa 49.25 0.85 -27.71
 LAB*TCHa 50.0 22.37 271.4

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 31.11 1.18 271.42
 LAB*LABa 31.11 1.18 271.42
 LAB*TCHa 31.11 1.18 271.42

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 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 -

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 62.65 0.27 -8.62
 LAB*LABa 62.65 0.27 -8.62
 LAB*TCHa 62.5 11.18 271.4

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.75 0.57 0.00
 LAB*LABa 43.75 0.57 0.00
 LAB*TCHa 43.75 0.57 0.00

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 25.0 1.0 0.0
 LAB*LABa 25.0 1.0 0.0
 LAB*TCHa 25.0 1.0 0.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 55.19 0.61 -31.48
 LAB*LABa 55.19 0.61 -31.48
 LAB*TCHa 55.19 0.61 -31.48

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 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 -

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.5 0.87 0.33
 LAB*LABa 37.5 0.87 0.33
 LAB*TCHa 37.5 11.18 271.4

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 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 18.02 0.0 0.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 73.31 0.21 -20.76
 LAB*LABa 73.31 0.21 -20.76
 LAB*TCHa 73.31 0.21 -20.76

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 63.75 0.64 -20.75
 LAB*LABa 63.75 0.64 -20.75
 LAB*TCHa 62.5 20.78 271.66

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.75 0.57 0.00
 LAB*LABa 43.75 0.57 0.00
 LAB*TCHa 43.75 0.57 0.00

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 29.5 0.83 23.01
 LAB*LABa 29.5 0.83 23.01
 LAB*TCHa 29.5 0.83 23.01

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 55.19 0.61 -31.48
 LAB*LABa 55.19 0.61 -31.48
 LAB*TCHa 55.19 0.61 -31.48

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.85 -27.71
 LAB*LABa 49.25 0.85 -27.71
 LAB*TCHa 49.25 0.85 -27.71

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 31.11 1.18 271.42
 LAB*LABa 31.11 1.18 271.42
 LAB*TCHa 31.11 1.18 271.42

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 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 18.02 0.0 0.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 73.31 0.21 -20.76
 LAB*LABa 73.31 0.21 -20.76
 LAB*TCHa 73.31 0.21 -20.76

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 63.75 0.64 -20.75
 LAB*LABa 63.75 0.64 -20.75
 LAB*TCHa 62.5 20.78 271.66

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.75 0.57 0.00
 LAB*LABa 43.75 0.57 0.00
 LAB*TCHa 43.75 0.57 0.00

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 25.0 1.0 0.0
 LAB*LABa 25.0 1.0 0.0
 LAB*TCHa 25.0 1.0 0.0

UG520-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

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

BAM-Prüfvorlage UG52; Farbmetrik-Systeme ORS18 & NRS11 input: cmy0* setcmycolor

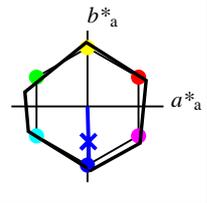
D65; 2 Koordinate-Daten von 5stufigen Farbreihen für 10 Bunttoninput: olv* setrgbcolor / w* setgray

Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 272/360 = 0.755$
 lab^*ch und lab^*nch

D65: Buntton B
 LCH*Ma: 53 83 272
 rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
 ohv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 -0.01
 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)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 84.85 0.62 -20.75
 LAB*LABa 84.85 0.62 -20.75
 LAB*TCHa 87.5 20.77 271.66

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 68.59 0.54 -22.35
 LAB*LABa 68.59 0.54 -22.35
 LAB*TCHa 75.0 22.36 271.4

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.85 -27.71
 LAB*LABa 49.25 0.85 -27.71
 LAB*TCHa 50.0 22.37 271.4

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 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 -

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 62.65 0.27 -8.62
 LAB*LABa 62.65 0.27 -8.62
 LAB*TCHa 62.5 11.18 271.4

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.75 0.57 0.00
 LAB*LABa 43.75 0.57 0.00
 LAB*TCHa 43.75 0.57 0.00

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 25.0 1.0 0.0
 LAB*LABa 25.0 1.0 0.0
 LAB*TCHa 25.0 1.0 0.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 55.19 0.61 -31.48
 LAB*LABa 55.19 0.61 -31.48
 LAB*TCHa 55.19 0.61 -31.48

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.85 -27.71
 LAB*LABa 49.25 0.85 -27.71
 LAB*TCHa 49.25 0.85 -27.71

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 31.11 1.18 271.42
 LAB*LABa 31.11 1.18 271.42
 LAB*TCHa 31.11 1.18 271.42

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 73.31 0.21 -20.76
 LAB*LABa 73.31 0.21 -20.76
 LAB*TCHa 73.31 0.21 -20.76

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 63.75 0.64 -20.75
 LAB*LABa 63.75 0.64 -20.75
 LAB*TCHa 62.5 20.78 271.66

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.75 0.57 0.00
 LAB*LABa 43.75 0.57 0.00
 LAB*TCHa 43.75 0.57 0.00

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 25.0 1.0 0.0
 LAB*LABa 25.0 1.0 0.0
 LAB*TCHa 25.0 1.0 0.0

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 55.19 0.61 -31.48
 LAB*LABa 55.19 0.61 -31.48
 LAB*TCHa 55.19 0.61 -31.48

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 49.25 0.85 -27.71
 LAB*LABa 49.25 0.85 -27.71
 LAB*TCHa 49.25 0.85 -27.71

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 31.11 1.18 271.42
 LAB*LABa 31.11 1.18 271.42
 LAB*TCHa 31.11 1.18 271.42

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 73.31 0.21 -20.76
 LAB*LABa 73.31 0.21 -20.76
 LAB*TCHa 73.31 0.21 -20.76

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 ohv4* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 63.75 0.64 -20.75
 LAB*LABa 63.75 0.64 -20.75
 LAB*TCHa 62.5 20.78 271.66

relative Buntheit c^*

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 Technische Information: http://www.ps.bam.de Version 2.1, io=0.1, CIEXYZ

BAM-Registrierung: 20060101-UG52/10S/S52G09FP.PS/.PDF BAM-Material: Code=thakta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ
 /UG52/ Form: 101/Seite: 1/1, Seite: 10 Seitenanzahl: 10