äquivalente farbmetrische Farbkoordinaten

System:

ORS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LAB setcolor*

*LAB*LAB*: 60.51, 4.13, 10.67*

*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   60.73   −5.8   11.92
LAB*LABa 60.73   −5.47 9.5
LAB*TCHa 52.5   10.97 119.98

relative **CIELAB** *lab**
lab*lab   0.552 −0.074 0.13
lab*tch   0.525   0.15 0.333
lab*nch   0.4   0.15 0.333

relative **Natural Colour (NC)**
lab*lrj   0.552 −0.086 0.122
lab*tce   0.525   0.15 0.349
lab*ncE   0.4   0.15 j39g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   63.69   −1.91 16.38
LAB*LABa 63.69   −1.53 13.76
LAB*TCHa 52.5   13.85 96.38

relative **CIELAB** *lab**
lab*lab   0.59   −0.016 0.149
lab*tch   0.525   0.15 0.268
lab*nch   0.4   0.15 0.268

relative **Natural Colour (NC)**
lab*lrj   0.59   −0.013 0.149
lab*tce   0.525   0.15 0.265
lab*ncE   0.4   0.15 j05g

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   60.51   3.82   13.07
LAB*LABa 60.51   4.13   10.67
LAB*TCHa 52.5   11.44 68.82

relative **CIELAB** *lab**
lab*lab   0.549   0.054 0.14
lab*tch   0.525   0.15   0.191
lab*nch   0.4   0.15   0.191

relative **Natural Colour (NC)**
lab*lrj   0.549   0.079 0.128
lab*tce   0.525   0.15   0.162
lab*ncE   0.4   0.15   r64j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.29, 68.82

LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.81, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

olvi3*Fa: 0.6, 0.525, 0.45
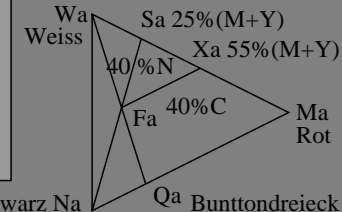tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa
Weiss   Sa 25%(M+Y)

              Xa 55%(M+Y)

   40%N
         40%C
   Fa   Ma
               Rot

Schwarz Na   Qa Bunttondreieck

G50J' (center-left lower block)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   57.77   −9.68 7.46
LAB*LABa 57.77   −9.42 5.24
LAB*TCHa 52.5   10.79 150.91

relative **CIELAB** *lab**
lab*lab   0.514 −0.13 0.073
lab*tch   0.525   0.15 0.419
lab*nch   0.4   0.15 0.419

relative **Natural Colour (NC)**
lab*lrj   0.514 −0.144 0.038
lab*tce   0.525   0.15 0.46
lab*ncE   0.4   0.15 j83g

B' (center lower)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475

standard and *adapted* **CIELAB**
LAB*LAB   58.65   −0.27 2.28
LAB*LABa 58.65   0.0   0.0
LAB*TCHa 52.5   0.0   −

relative **CIELAB** *lab**
lab*lab   0.525   0.0   0.0
lab*tch   0.525   0.0   −
lab*nch   0.475   0.0   −

relative **Natural Colour (NC)**
lab*lrj   0.525   0.0   0.0
lab*tce   0.525   0.0   −
lab*ncE   0.475   0.0   −

R' (center-right lower)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   57.33   9.55   9.76
LAB*LABa 57.33   9.81   7.58
LAB*TCHa 52.5   12.39 37.69

relative **CIELAB** *lab**
lab*lab   0.508   0.119 0.092
lab*tch   0.525   0.15   0.105
lab*nch   0.4   0.15   0.105

relative **Natural Colour (NC)**
lab*lrj   0.508   0.144 0.042
lab*tce   0.525   0.15   0.046
lab*ncE   0.4   0.15   r18j

G50J' (bottom-left block)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB   58.93   −4.83 −4.45
LAB*LABa 58.93   −4.54 −6.74
LAB*TCHa 52.5   8.14   236.02

relative **CIELAB** *lab**
lab*lab   0.529 −0.083 −0.123
lab*tch   0.525   0.15 0.656
lab*nch   0.4   0.15 0.656

relative **Natural Colour (NC)**
lab*lrj   0.529 −0.073 −0.13
lab*tce   0.525   0.15 0.668
lab*ncE   0.4   0.15 g67b

B' (bottom-center block)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB   54.0   4.47   −4.69
LAB*LABa 54.0   4.66   −6.65
LAB*TCHa 52.5   8.13   305.0

relative **CIELAB** *lab**
lab*lab   0.465   0.086 −0.122
lab*tch   0.525   0.15   0.847
lab*nch   0.4   0.15   0.847

relative **Natural Colour (NC)**
lab*lrj   0.465   0.067 −0.133
lab*tce   0.525   0.15   0.823
lab*ncE   0.4   0.15   b29r

B50R' (bottom-right block)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB   57.36   11.03 0.93
LAB*LABa 57.36   11.29 −1.24
LAB*TCHa 52.5   11.36 353.66

relative **CIELAB** *lab**
lab*lab   0.508   0.149 −0.016
lab*tch   0.525   0.15   0.982
lab*nch   0.4   0.15   0.982

relative **Natural Colour (NC)**
lab*lrj   0.508   0.136 −0.063
lab*tce   0.525   0.15   0.93
lab*ncE   0.4   0.15   b72r

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*ORS18 setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben   Ausgabe: *w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/MG47/
Technische Information: http://www.ps.bam.de Version 3.0, io=1,7; iORS; oORS, CIELAB

äquivalente farbmetrische Farbkoordinaten

System:
TLS00   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LAB setcolor*
*LAB*LAB*: 53.68, 4.22, 11.65*
*LAB*LABx: 53.68, 4.22, 11.65*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)			
*olvi3**	0.555 0.6	0.51	(1.0)
*cmyn3**	0.445 0.4	0.49	(0.0)
*olvi4**	0.925 1.0	0.85	0.6
*cmyn4**	0.075 0.0	0.15	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	56.16	−7.75	12.8
*LAB*LABa*	56.16	−7.75	12.8
*LAB*TCHa*	52.5	14.97	121.23
relative CIELAB *lab**			
*lab*lab*	0.589	−0.077	0.128
*lab*tch*	0.525	0.15	0.337
*lab*nch*	0.4	0.15	0.337
relative Natural Colour (NC)			
*lab*lrj*	0.589	−0.09	0.119
*lab*tce*	0.525	0.15	0.353
*lab*ncE*	0.4	0.15	j41g

J'

relative Inform. Technology (IT)			
*olvi3**	0.6 0.6	0.51	(1.0)
*cmyn3**	0.4 0.4	0.49	(0.0)
*olvi4**	1.0 1.0	0.85	0.6
*cmyn4**	0.0 0.0	0.15	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	56.84	−3.1	13.61
*LAB*LABa*	56.84	−3.1	13.61
*LAB*TCHa*	52.5	13.96	102.85
relative CIELAB *lab**			
*lab*lab*	0.596	−0.032	0.146
*lab*tch*	0.525	0.15	0.286
*lab*nch*	0.4	0.15	0.286
relative Natural Colour (NC)			
*lab*lrj*	0.596	−0.034	0.146
*lab*tce*	0.525	0.15	0.288
*lab*ncE*	0.4	0.15	j15g

R50J'

relative Inform. Technology (IT)			
*olvi3**	0.6 0.555	0.51	(1.0)
*cmyn3**	0.4 0.445	0.49	(0.0)
*olvi4**	1.0 0.925	0.85	0.6
*cmyn4**	0.0 0.075	0.15	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	53.68	4.22	11.65
*LAB*LABa*	53.68	4.22	11.65
*LAB*TCHa*	52.5	12.39	70.1
relative CIELAB *lab**			
*lab*lab*	0.563	0.051	0.141
*lab*tch*	0.525	0.15	0.195
*lab*nch*	0.4	0.15	0.195
relative Natural Colour (NC)			
*lab*lrj*	0.563	0.075	0.13
*lab*tce*	0.525	0.15	0.167
*lab*ncE*	0.4	0.15	r66j

Alle Daten für Farbe R50J'

R50J'
LAB*Fa: 53.68, 4.22, 11.65
LCH*Fa: 53.68, 12.39, 70.1

LAB*Ma: 71.58, 28.11, 77.65
LCH*Ma: 71.58, 82.58, 70.1

LAB*Sa: 89.45, 7.03, 19.41
LCH*Sa: 89.45, 20.65, 70.1

LAB*Qa: 19.53, 7.67, 21.18
LCH*Qa: 19.53, 22.52, 70.1

LAB*Xa: 82.3, 15.46, 42.71
LCH*Xa: 82.3, 45.42, 70.1

R'
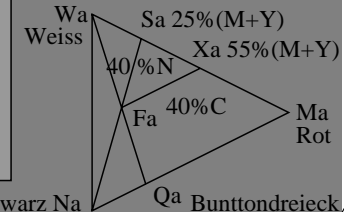olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.195
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.195
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75
tch*Sa: 0.875, 0.25, 0.195
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.195
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.195
ncw*Xa: 0.0, 0.55, 0.45

G'

relative Inform. Technology (IT)			
*olvi3**	0.51 0.6	0.51	(1.0)
*cmyn3**	0.49 0.4	0.49	(0.0)
*olvi4**	0.85 1.0	0.85	0.6
*cmyn4**	0.15 0.0	0.15	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	55.48	−12.4	11.99
*LAB*LABa*	55.48	−12.4	11.99
*LAB*TCHa*	52.5	17.26	136.01
relative CIELAB *lab**			
*lab*lab*	0.581	−0.107	0.104
*lab*tch*	0.525	0.15	0.378
*lab*nch*	0.4	0.15	0.378
relative Natural Colour (NC)			
*lab*lrj*	0.581	−0.124	0.083
*lab*tce*	0.525	0.15	0.406
*lab*ncE*	0.4	0.15	j62g

relative Inform. Technology (IT)			
*olvi3**	0.525 0.525	0.525	(1.0)
*cmyn3**	0.475 0.475	0.475	(0.0)
*olvi4**	1.0 1.0	1.0	0.525
*cmyn4**	0.0 0.0	0.0	0.475
standard and *adapted* CIELAB			
*LAB*LAB*	50.1	0.0	0.0
*LAB*LABa*	50.1	0.0	0.0
*LAB*TCHa*	52.5	0.0	−
relative CIELAB *lab**			
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.0	−
*lab*nch*	0.475	0.0	−
relative Natural Colour (NC)			
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	−
*lab*ncE*	0.475	0.0	−

R'

relative Inform. Technology (IT)			
*olvi3**	0.6 0.51	0.51	(1.0)
*cmyn3**	0.4 0.49	0.49	(0.0)
*olvi4**	1.0 0.85	0.85	0.6
*cmyn4**	0.0 0.15	0.15	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	50.51	11.54	9.68
*LAB*LABa*	50.51	11.54	9.68
*LAB*TCHa*	52.5	15.06	40.0
relative CIELAB *lab**			
*lab*lab*	0.529	0.115	0.096
*lab*tch*	0.525	0.15	0.111
*lab*nch*	0.4	0.15	0.111
relative Natural Colour (NC)			
*lab*lrj*	0.529	0.141	0.05
*lab*tce*	0.525	0.15	0.054
*lab*ncE*	0.4	0.15	r21j

G50J'

relative Inform. Technology (IT)			
*olvi3**	0.51 0.6	0.6	(1.0)
*cmyn3**	0.49 0.4	0.4	(0.0)
*olvi4**	0.85 1.0	1.0	0.6
*cmyn4**	0.15 0.0	0.0	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	55.97	−6.92	−2.02
*LAB*LABa*	55.97	−6.92	−2.02
*LAB*TCHa*	52.5	7.22	196.37
relative CIELAB *lab**			
*lab*lab*	0.587	−0.143	−0.041
*lab*tch*	0.525	0.15	0.545
*lab*nch*	0.4	0.15	0.545
relative Natural Colour (NC)			
*lab*lrj*	0.587	−0.131	−0.07
*lab*tce*	0.525	0.15	0.578
*lab*ncE*	0.4	0.15	g31b

B'

relative Inform. Technology (IT)			
*olvi3**	0.51 0.51	0.6	(1.0)
*cmyn3**	0.49 0.49	0.4	(0.0)
*olvi4**	0.85 0.85	1.0	0.6
*cmyn4**	0.15 0.15	0.0	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	47.5	11.41	−15.53
*LAB*LABa*	47.5	11.41	−15.53
*LAB*TCHa*	52.5	19.28	306.29
relative CIELAB *lab**			
*lab*lab*	0.498	0.089	−0.12
*lab*tch*	0.525	0.15	0.851
*lab*nch*	0.4	0.15	0.851
relative Natural Colour (NC)			
*lab*lrj*	0.498	0.069	−0.132
*lab*tce*	0.525	0.15	0.826
*lab*ncE*	0.4	0.15	b30r

B50R'

relative Inform. Technology (IT)			
*olvi3**	0.6 0.51	0.6	(1.0)
*cmyn3**	0.4 0.49	0.4	(0.0)
*olvi4**	1.0 0.85	1.0	0.6
*cmyn4**	0.0 0.15	0.0	0.4
standard and *adapted* CIELAB			
*LAB*LAB*	51.53	14.15	−8.75
*LAB*LABa*	51.53	14.15	−8.75
*LAB*TCHa*	52.5	16.65	328.23
relative CIELAB *lab**			
*lab*lab*	0.54	0.128	−0.078
*lab*tch*	0.525	0.15	0.912
*lab*nch*	0.4	0.15	0.912
relative Natural Colour (NC)			
*lab*lrj*	0.54	0.106	−0.106
*lab*tce*	0.525	0.15	0.874
*lab*ncE*	0.4	0.15	b49r

B50R'

Wa Weiss — Sa 25%(M+Y) — Xa 55%(M+Y)
40%N — 40%C
Fa — Ma Rot
Schwarz Na — Qa — Bunttondreieck

BAM-Registrierung: 20050101-MG47/10L/L47G01FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Messung von Drucker− oder Monitorsystemen

/MG47/ Form: 2/6, Serie: 1/4, Seite: 2

Seitenzählung 2

ME500−7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*TLS00* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)
Annäherung: 4 Elementar− und 4 Zwischenfarben
Transfer via: *cmy0*TLS00 setcmykcolor*
Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten System:

DRSxx J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LAB setcolor*
*LAB*LAB*: 60.51, 4.13, 10.67*
*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   60.73 −5.79 11.92
LAB*LABa 60.73 −5.47 9.5
LAB*TCHa 52.5   10.97 119.98

relative **CIELAB** *lab**
lab*lab   0.552 −0.074 0.13
lab*tch   0.525 0.15   0.333
lab*nch   0.4   0.15   0.333

relative **Natural Colour (NC)**
lab*lrj   0.552 −0.086 0.122
lab*tce   0.525 0.15   0.349
lab*ncE   0.4   0.15   j39g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   63.69 −1.91 16.38
LAB*LABa 63.69 −1.53 13.76
LAB*TCHa 52.5   13.85 96.38

relative **CIELAB** *lab**
lab*lab   0.59   −0.016 0.149
lab*tch   0.525 0.15   0.268
lab*nch   0.4   0.15   0.268

relative **Natural Colour (NC)**
lab*lrj   0.59   −0.013 0.149
lab*tce   0.525 0.15   0.265
lab*ncE   0.4   0.15   j05g

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   60.51 3.82   13.08
LAB*LABa 60.51 4.13   10.67
LAB*TCHa 52.5   11.44 68.82

relative **CIELAB** *lab**
lab*lab   0.549 0.054 0.14
lab*tch   0.525 0.15   0.191
lab*nch   0.4   0.15   0.191

relative **Natural Colour (NC)**
lab*lrj   0.549 0.079 0.128
lab*tce   0.525 0.15   0.162
lab*ncE   0.4   0.15   r64j

(center-left panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   57.77 −9.68 7.46
LAB*LABa 57.77 −9.41 5.24
LAB*TCHa 52.5   10.78 150.91

relative **CIELAB** *lab**
lab*lab   0.514 −0.13 0.073
lab*tch   0.525 0.15   0.419
lab*nch   0.4   0.15   0.419

relative **Natural Colour (NC)**
lab*lrj   0.514 −0.144 0.038
lab*tce   0.525 0.15   0.46
lab*ncE   0.4   0.15   j83g

(center panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475

standard and *adapted* **CIELAB**
LAB*LAB   58.65 −0.27 2.28
LAB*LABa 58.65 0.0   0.0
LAB*TCHa 52.5   0.0   −

relative **CIELAB** *lab**
lab*lab   0.525 0.0   0.0
lab*tch   0.525 0.0   −
lab*nch   0.475 0.0   −

relative **Natural Colour (NC)**
lab*lrj   0.525 0.0   0.0
lab*tce   0.525 0.0   −
lab*ncE   0.475 0.0   −

R' (center-right panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB   57.33 9.55   9.77
LAB*LABa 57.33 9.81   7.58
LAB*TCHa 52.5   12.39 37.69

relative **CIELAB** *lab**
lab*lab   0.508 0.119 0.092
lab*tch   0.525 0.15   0.105
lab*nch   0.4   0.15   0.105

relative **Natural Colour (NC)**
lab*lrj   0.508 0.144 0.042
lab*tce   0.525 0.15   0.046
lab*ncE   0.4   0.15   r18j

G50J' (bottom-left panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB   58.93 −4.83 −4.44
LAB*LABa 58.93 −4.54 −6.74
LAB*TCHa 52.5   8.14   236.02

relative **CIELAB** *lab**
lab*lab   0.529 −0.083 −0.123
lab*tch   0.525 0.15   0.656
lab*nch   0.4   0.15   0.656

relative **Natural Colour (NC)**
lab*lrj   0.529 −0.073 −0.13
lab*tce   0.525 0.15   0.668
lab*ncE   0.4   0.15   g67b

B' (bottom-center panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB   54.0   4.47   −4.68
LAB*LABa 54.0   4.66   −6.65
LAB*TCHa 52.5   8.13   305.0

relative **CIELAB** *lab**
lab*lab   0.465 0.086 −0.122
lab*tch   0.525 0.15   0.847
lab*nch   0.4   0.15   0.847

relative **Natural Colour (NC)**
lab*lrj   0.465 0.067 −0.133
lab*tce   0.525 0.15   0.823
lab*ncE   0.4   0.15   b29r

B50R' (bottom-right panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB   57.36 11.03 0.94
LAB*LABa 57.36 11.29 −1.24
LAB*TCHa 52.5   11.36 353.66

relative **CIELAB** *lab**
lab*lab   0.508 0.149 −0.016
lab*tch   0.525 0.15   0.982
lab*nch   0.4   0.15   0.982

relative **Natural Colour (NC)**
lab*lrj   0.508 0.136 −0.063
lab*tce   0.525 0.15   0.93
lab*ncE   0.4   0.15   b72r

Alle Daten für Farbe R50J'

R50J'

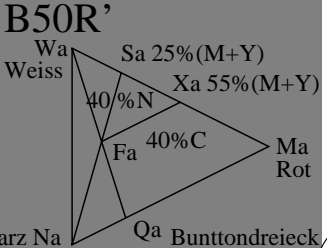LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.28, 68.82

LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.8, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa
Weiss   Sa 25%(M+Y)
                Xa 55%(M+Y)
40%N
        40%C
Fa   Ma
                Rot
Schwarz Na   Qa Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*DRSxx* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*DRSxx setcmykcolor*
Annäherung: 4 Elementar– und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

TLS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LAB setcolor*
*LAB*LAB*: 61.05, 3.88, 10.15*
*LAB*LABx: 61.05, 3.88, 10.15*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)			
*olvi3**	0.555	0.6	0.51	(1.0)
*cmyn3**	0.445	0.4	0.49	(0.0)
*olvi4**	0.925	1.0	0.85	0.6
*cmyn4**	0.075	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   63.39   −7.42   11.94
LAB*LABa 63.39   −7.42   11.94
LAB*TCHa 52.5   14.07   121.9

relative CIELAB *lab**
lab*lab   0.586   −0.078 0.127
lab*tch   0.525   0.15   0.339
lab*nch   0.4   0.15   0.339

relative Natural Colour (NC)
lab*lrj   0.586   −0.092 0.118
lab*tce   0.525   0.15   0.356
lab*ncE   0.4   0.15   j42g

J'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.6	0.51	(1.0)
*cmyn3**	0.4	0.4	0.49	(0.0)
*olvi4**	1.0	1.0	0.85	0.6
*cmyn4**	0.0	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   64.05   −3.0   12.77
LAB*LABa 64.05   −3.0   12.77
LAB*TCHa 52.5   13.12   103.25

relative CIELAB *lab**
lab*lab   0.595   −0.033 0.146
lab*tch   0.525   0.15   0.287
lab*nch   0.4   0.15   0.287

relative Natural Colour (NC)
lab*lrj   0.595   −0.036 0.145
lab*tce   0.525   0.15   0.289
lab*ncE   0.4   0.15   j15g

R50J'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.555	0.51	(1.0)
*cmyn3**	0.4	0.445	0.49	(0.0)
*olvi4**	1.0	0.925	0.85	0.6
*cmyn4**	0.0	0.075	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   61.05   3.88   10.15
LAB*LABa 61.05   3.88   10.15
LAB*TCHa 52.5   10.86   69.07

relative CIELAB *lab**
lab*lab   0.556   0.054   0.14
lab*tch   0.525   0.15   0.192
lab*nch   0.4   0.15   0.192

relative Natural Colour (NC)
lab*lrj   0.556   0.078   0.128
lab*tce   0.525   0.15   0.163
lab*ncE   0.4   0.15   r65j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 61.05, 3.88, 10.15
LCH*Fa: 61.05, 10.86, 69.07

LAB*Ma: 72.72, 25.87, 67.65
LCH*Ma: 72.72, 72.43, 69.07

LAB*Sa: 89.74, 6.47, 16.91
LCH*Sa: 89.74, 18.11, 69.07

LAB*Qa: 32.93, 7.06, 18.45
LCH*Qa: 32.93, 19.75, 69.07

LAB*Xa: 82.93, 14.23, 37.21
LCH*Xa: 82.93, 39.84, 69.07

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.192
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.192
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.192
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.192
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.192
ncw*Xa: 0.0, 0.55, 0.45

(middle row)

relative Inform. Technology (IT)
*olvi3**   0.51   0.6   0.51   (1.0)
*cmyn3**   0.49   0.4   0.49   (0.0)
*olvi4**   0.85   1.0   0.85   0.6
*cmyn4**   0.15   0.0   0.15   0.4
standard and *adapted* CIELAB
LAB*LAB   62.74   −11.85 11.12
LAB*LABa 62.74   −11.85 11.12
LAB*TCHa 52.5   16.26   136.86
relative CIELAB *lab**
lab*lab   0.578   −0.108 0.103
lab*tch   0.525   0.15   0.38
lab*nch   0.4   0.15   0.38
relative Natural Colour (NC)
lab*lrj   0.578   −0.125 0.081
lab*tce   0.525   0.15   0.409
lab*ncE   0.4   0.15   j63g

relative Inform. Technology (IT)
*olvi3**   0.525 0.525 0.525 (1.0)
*cmyn3**   0.475 0.475 0.475 (0.0)
*olvi4**   1.0   1.0   1.0   0.525
*cmyn4**   0.0   0.0   0.0   0.475
standard and *adapted* CIELAB
LAB*LAB   58.65   0.0   0.0
LAB*LABa 58.65   0.0   0.0
LAB*TCHa 52.5   0.0   −
relative CIELAB *lab**
lab*lab   0.525   0.0   0.0
lab*tch   0.525   0.0   −
lab*nch   0.475   0.0   0.097
relative Natural Colour (NC)
lab*lrj   0.525   0.0   0.0
lab*tce   0.525   0.0   −
lab*ncE   0.475   0.0   −

relative Inform. Technology (IT)
*olvi3**   0.6   0.51   0.51   (1.0)
*cmyn3**   0.4   0.49   0.49   (0.0)
*olvi4**   1.0   0.85   0.85   0.6
*cmyn4**   0.0   0.15   0.15   0.4
standard and *adapted* CIELAB
LAB*LAB   58.04   10.77   7.53
LAB*LABa 58.04   10.77   7.53
LAB*TCHa 52.5   13.14   34.95
relative CIELAB *lab**
lab*lab   0.517   0.123   0.086
lab*tch   0.525   0.15   0.097
lab*nch   0.4   0.15   0.097
relative Natural Colour (NC)
lab*lrj   0.517   0.146   0.033
lab*tce   0.525   0.15   0.035
lab*ncE   0.4   0.15   r14j

G50J' (bottom row)

relative Inform. Technology (IT)
*olvi3**   0.51   0.6   0.6   (1.0)
*cmyn3**   0.49   0.4   0.4   (0.0)
*olvi4**   0.85   1.0   1.0   0.6
*cmyn4**   0.15   0.0   0.0   0.4
standard and *adapted* CIELAB
LAB*LAB   63.21   −6.66   −1.96
LAB*LABa 63.21   −6.66   −1.96
LAB*TCHa 52.5   6.95   196.46
relative CIELAB *lab**
lab*lab   0.584   −0.143 −0.042
lab*tch   0.525   0.15   0.546
lab*nch   0.4   0.15   0.546
relative Natural Colour (NC)
lab*lrj   0.584   −0.131 −0.07
lab*tce   0.525   0.15   0.578
lab*ncE   0.4   0.15   g31b

B'

relative Inform. Technology (IT)
*olvi3**   0.51   0.51   0.6   (1.0)
*cmyn3**   0.49   0.49   0.4   (0.0)
*olvi4**   0.85   0.85   1.0   0.6
*cmyn4**   0.15   0.15   0.0   0.4
standard and *adapted* CIELAB
LAB*LAB   54.9   3.7   −5.62
LAB*LABa 54.9   3.7   −5.62
LAB*TCHa 52.5   6.74   303.29
relative CIELAB *lab**
lab*lab   0.477   0.082   −0.124
lab*tch   0.525   0.15   0.842
lab*nch   0.4   0.15   0.842
relative Natural Colour (NC)
lab*lrj   0.477   0.063   −0.135
lab*tce   0.525   0.15   0.819
lab*ncE   0.4   0.15   b27r

B50R'

relative Inform. Technology (IT)
*olvi3**   0.6   0.51   0.6   (1.0)
*cmyn3**   0.4   0.49   0.4   (0.0)
*olvi4**   1.0   0.85   1.0   0.6
*cmyn4**   0.0   0.15   0.0   0.4
standard and *adapted* CIELAB
LAB*LAB   58.98   13.42   −2.91
LAB*LABa 58.98   13.42   −2.91
LAB*TCHa 52.5   13.74   347.72
relative CIELAB *lab**
lab*lab   0.529   0.147   −0.031
lab*tch   0.525   0.15   0.966
lab*nch   0.4   0.15   0.966
relative Natural Colour (NC)
lab*lrj   0.529   0.13   −0.074
lab*tce   0.525   0.15   0.917
lab*ncE   0.4   0.15   b66r

B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
40%C
Fa
Ma Rot
Qa
Schwarz Na   Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*TLS18 setcmykcolor*
Annäherung: 4 Elementar– und 4 Zwischenfarben   Ausgabe: *w* setgray*

F: Ausgabe-Linearisierung (OL-Daten) MG47/10L/L47G04FP.DAT in der Datei (F)

äquivalente
farbmetrische
Farbkoordinaten

System:

SLS00   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LAB setcolor*
*LAB*LAB*: 52.5, 6.5, 11.25*
*LAB*LABx: 52.5, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4

standard and adapted CIELAB
*LAB*LAB*	52.5	−6.49	11.25
*LAB*LABa*	52.5	−6.49	11.25
*LAB*TCHa*	52.5	12.99	120.0

relative CIELAB lab*
*lab*lab*	0.525	−0.074	0.13
*lab*tch*	0.525	0.15	0.333
*lab*nch*	0.4	0.15	0.333

relative Natural Colour (NC)
*lab*lrj*	0.525	−0.086	0.122
*lab*tce*	0.525	0.15	0.349
*lab*ncE*	0.4	0.15	j39g

J'

relative Inform. Technology (IT)
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4

standard and adapted CIELAB
*LAB*LAB*	55.0	0.0	15.0
*LAB*LABa*	55.0	0.0	15.0
*LAB*TCHa*	52.5	15.0	90.0

relative CIELAB lab*
*lab*lab*	0.55	0.0	0.15
*lab*tch*	0.525	0.15	0.25
*lab*nch*	0.4	0.15	0.25

relative Natural Colour (NC)
*lab*lrj*	0.55	0.008	0.15
*lab*tce*	0.525	0.15	0.241
*lab*ncE*	0.4	0.15	r96j

R50J'

relative Inform. Technology (IT)
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4

standard and adapted CIELAB
*LAB*LAB*	52.5	6.5	11.25
*LAB*LABa*	52.5	6.5	11.25
*LAB*TCHa*	52.5	12.99	60.0

relative CIELAB lab*
*lab*lab*	0.525	0.075	0.13
*lab*tch*	0.525	0.15	0.167
*lab*nch*	0.4	0.15	0.167

relative Natural Colour (NC)
*lab*lrj*	0.525	0.103	0.109
*lab*tce*	0.525	0.15	0.129
*lab*ncE*	0.4	0.15	r51j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 52.5, 6.5, 11.25
LCH*Fa: 52.5, 12.99, 60.0

LAB*Ma: 50.0, 43.3, 75.0
LCH*Ma: 50.0, 86.6, 60.0

LAB*Sa: 87.5, 10.82, 18.75
LCH*Sa: 87.5, 21.65, 60.0

LAB*Qa: 13.64, 11.81, 20.45
LCH*Qa: 13.64, 23.62, 60.0

LAB*Xa: 72.5, 23.82, 41.25
LCH*Xa: 72.5, 47.63, 60.0

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
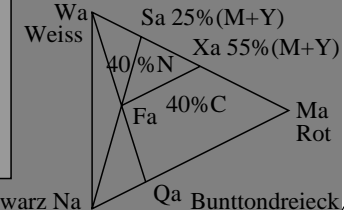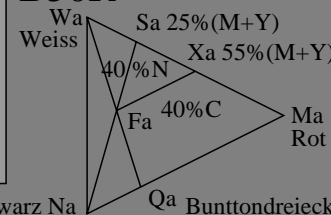olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

G'

relative Inform. Technology (IT)
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4

standard and adapted CIELAB
*LAB*LAB*	50.0	−12.98	7.5
*LAB*LABa*	50.0	−12.98	7.5
*LAB*TCHa*	52.5	15.0	150.0

relative CIELAB lab*
*lab*lab*	0.5	−0.129	0.075
*lab*tch*	0.525	0.15	0.417
*lab*nch*	0.4	0.15	0.417

relative Natural Colour (NC)
*lab*lrj*	0.5	−0.143	0.041
*lab*tce*	0.525	0.15	0.456
*lab*ncE*	0.4	0.15	j82g

(J' center-middle)

relative Inform. Technology (IT)
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475

standard and adapted CIELAB
*LAB*LAB*	52.5	0.0	0.0
*LAB*LABa*	52.5	0.0	0.0
*LAB*TCHa*	52.5	0.0	−

relative CIELAB lab*
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.0	−
*lab*nch*	0.475	0.0	−

relative Natural Colour (NC)
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	−
*lab*ncE*	0.475	0.0	−

R' (center-right-middle)

relative Inform. Technology (IT)
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4

standard and adapted CIELAB
*LAB*LAB*	50.0	12.99	7.5
*LAB*LABa*	50.0	12.99	7.5
*LAB*TCHa*	52.5	15.0	30.0

relative CIELAB lab*
*lab*lab*	0.5	0.13	0.075
*lab*tch*	0.525	0.15	0.083
*lab*nch*	0.4	0.15	0.083

relative Natural Colour (NC)
*lab*lrj*	0.5	0.149	0.016
*lab*tce*	0.525	0.15	0.017
*lab*ncE*	0.4	0.15	r06j

G50B'

relative Inform. Technology (IT)
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4

standard and adapted CIELAB
*LAB*LAB*	55.0	−12.98	−7.49
*LAB*LABa*	55.0	−12.98	−7.49
*LAB*TCHa*	52.5	15.0	210.0

relative CIELAB lab*
*lab*lab*	0.55	−0.129	−0.074
*lab*tch*	0.525	0.15	0.583
*lab*nch*	0.4	0.15	0.583

relative Natural Colour (NC)
*lab*lrj*	0.55	−0.115	−0.094
*lab*tce*	0.525	0.15	0.609
*lab*ncE*	0.4	0.15	g43b

B'

relative Inform. Technology (IT)
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4

standard and adapted CIELAB
*LAB*LAB*	50.0	0.0	−14.99
*LAB*LABa*	50.0	0.0	−14.99
*LAB*TCHa*	52.5	15.0	270.0

relative CIELAB lab*
*lab*lab*	0.5	0.0	−0.149
*lab*tch*	0.525	0.15	0.75
*lab*nch*	0.4	0.15	0.75

relative Natural Colour (NC)
*lab*lrj*	0.5	−0.003	−0.149
*lab*tce*	0.525	0.15	0.746
*lab*ncE*	0.4	0.15	g98b

B50R'

relative Inform. Technology (IT)
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4

standard and adapted CIELAB
*LAB*LAB*	55.0	12.99	−7.49
*LAB*LABa*	55.0	12.99	−7.49
*LAB*TCHa*	52.5	15.0	330.0

relative CIELAB lab*
*lab*lab*	0.55	0.13	−0.074
*lab*tch*	0.525	0.15	0.917
*lab*nch*	0.4	0.15	0.917

relative Natural Colour (NC)
*lab*lrj*	0.55	0.108	−0.103
*lab*tce*	0.525	0.15	0.878
*lab*ncE*	0.4	0.15	b51r

B50R'

Wa
Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
40%C
Fa
Ma Rot
Schwarz Na
Qa
Bunttondreieck

G50J'   B'   B50R'

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*SLS00* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)
Annäherung: 4 Elementar– und 4 Zwischenfarben

Transfer via: *cmy0*SLS00 setcmykcolor*
Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

SRS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LAB setcolor*
*LAB*LAB*: 58.65, 6.5, 11.25*
*LAB*LABx: 58.65, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)
olvi3*	0.555	0.6	0.51	(1.0)
cmyn3*	0.445	0.4	0.49	(0.0)
olvi4*	0.925	1.0	0.85	0.6
cmyn4*	0.075	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	58.65	−6.49	11.25
LAB*LABa	58.65	−6.49	11.25
LAB*TCHa	52.5	12.99	120.0

relative CIELAB lab*
lab*lab	0.525	−0.074	0.13
lab*tch	0.525	0.15	0.333
lab*nch	0.4	0.15	0.333

relative Natural Colour (NC)
lab*lrj	0.525	−0.086	0.122
lab*tce	0.525	0.15	0.349
lab*ncE	0.4	0.15	j39g

J'

relative Inform. Technology (IT)
olvi3*	0.6	0.6	0.51	(1.0)
cmyn3*	0.4	0.4	0.49	(0.0)
olvi4*	1.0	1.0	0.85	0.6
cmyn4*	0.0	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	60.58	0.0	15.0
LAB*LABa	60.58	0.0	15.0
LAB*TCHa	52.5	15.0	90.0

relative CIELAB lab*
lab*lab	0.55	0.0	0.15
lab*tch	0.525	0.15	0.25
lab*nch	0.4	0.15	0.25

relative Natural Colour (NC)
lab*lrj	0.55	0.008	0.15
lab*tce	0.525	0.15	0.241
lab*ncE	0.4	0.15	r96j

R50J'

relative Inform. Technology (IT)
olvi3*	0.6	0.555	0.51	(1.0)
cmyn3*	0.4	0.445	0.49	(0.0)
olvi4*	1.0	0.925	0.85	0.6
cmyn4*	0.0	0.075	0.15	0.4

standard and adapted CIELAB
LAB*LAB	58.65	6.5	11.25
LAB*LABa	58.65	6.5	11.25
LAB*TCHa	52.5	12.99	60.0

relative CIELAB lab*
lab*lab	0.525	0.075	0.13
lab*tch	0.525	0.15	0.167
lab*nch	0.4	0.15	0.167

relative Natural Colour (NC)
lab*lrj	0.525	0.103	0.109
lab*tce	0.525	0.15	0.129
lab*ncE	0.4	0.15	r51j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 58.65, 6.5, 11.25
LCH*Fa: 58.65, 12.99, 60.0

LAB*Ma: 56.71, 43.3, 75.0
LCH*Ma: 56.71, 86.6, 60.0

LAB*Sa: 85.74, 10.82, 18.75
LCH*Sa: 85.74, 21.65, 60.0

LAB*Qa: 28.56, 11.81, 20.45
LCH*Qa: 28.56, 23.62, 60.0

LAB*Xa: 74.12, 23.82, 41.25
LCH*Xa: 74.12, 47.63, 60.0

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

(middle row)

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.51	(1.0)
cmyn3*	0.49	0.4	0.49	(0.0)
olvi4*	0.85	1.0	0.85	0.6
cmyn4*	0.15	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	56.71	−12.98	7.5
LAB*LABa	56.71	−12.98	7.5
LAB*TCHa	52.5	15.0	150.0

relative CIELAB lab*
lab*lab	0.5	−0.129	0.075
lab*tch	0.525	0.15	0.417
lab*nch	0.4	0.15	0.417

relative Natural Colour (NC)
lab*lrj	0.5	−0.143	0.041
lab*tce	0.525	0.15	0.456
lab*ncE	0.4	0.15	j82g

relative Inform. Technology (IT)
olvi3*	0.525	0.525	0.525	(1.0)
cmyn3*	0.475	0.475	0.475	(0.0)
olvi4*	1.0	1.0	1.0	0.525
cmyn4*	0.0	0.0	0.0	0.475

standard and adapted CIELAB
LAB*LAB	58.65	0.0	0.0
LAB*LABa	58.65	0.0	0.0
LAB*TCHa	52.5	0.0	−

relative CIELAB lab*
lab*lab	0.525	0.0	0.0
lab*tch	0.525	0.0	−
lab*nch	0.475	0.0	−

relative Natural Colour (NC)
lab*lrj	0.525	0.0	0.0
lab*tce	0.525	0.0	−
lab*ncE	0.475	0.0	−

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.51	(1.0)
cmyn3*	0.4	0.49	0.49	(0.0)
olvi4*	1.0	0.85	0.85	0.6
cmyn4*	0.0	0.15	0.15	0.4

standard and adapted CIELAB
LAB*LAB	56.71	12.99	7.5
LAB*LABa	56.71	12.99	7.5
LAB*TCHa	52.5	15.0	30.0

relative CIELAB lab*
lab*lab	0.5	0.13	0.075
lab*tch	0.525	0.15	0.083
lab*nch	0.4	0.15	0.083

relative Natural Colour (NC)
lab*lrj	0.5	0.149	0.016
lab*tce	0.525	0.15	0.017
lab*ncE	0.4	0.15	r06j

G50J' / B' / B50R' (bottom row)

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.6	(1.0)
cmyn3*	0.49	0.4	0.4	(0.0)
olvi4*	0.85	1.0	1.0	0.6
cmyn4*	0.15	0.0	0.0	0.4

standard and adapted CIELAB
LAB*LAB	60.58	−12.98	−7.49
LAB*LABa	60.58	−12.98	−7.49
LAB*TCHa	52.5	15.0	210.0

relative CIELAB lab*
lab*lab	0.55	−0.129	−0.074
lab*tch	0.525	0.15	0.583
lab*nch	0.4	0.15	0.583

relative Natural Colour (NC)
lab*lrj	0.55	−0.115	−0.094
lab*tce	0.525	0.15	0.609
lab*ncE	0.4	0.15	g43b

relative Inform. Technology (IT)
olvi3*	0.51	0.51	0.6	(1.0)
cmyn3*	0.49	0.49	0.4	(0.0)
olvi4*	0.85	0.85	1.0	0.6
cmyn4*	0.15	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	56.71	0.0	−14.99
LAB*LABa	56.71	0.0	−14.99
LAB*TCHa	52.5	15.0	270.0

relative CIELAB lab*
lab*lab	0.5	0.0	−0.149
lab*tch	0.525	0.15	0.75
lab*nch	0.4	0.15	0.75

relative Natural Colour (NC)
lab*lrj	0.5	−0.003	−0.149
lab*tce	0.525	0.15	0.746
lab*ncE	0.4	0.15	g98b

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.6	(1.0)
cmyn3*	0.4	0.49	0.4	(0.0)
olvi4*	1.0	0.85	1.0	0.6
cmyn4*	0.0	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	60.58	12.99	−7.49
LAB*LABa	60.58	12.99	−7.49
LAB*TCHa	52.5	15.0	330.0

relative CIELAB lab*
lab*lab	0.55	0.13	−0.074
lab*tch	0.525	0.15	0.917
lab*nch	0.4	0.15	0.917

relative Natural Colour (NC)
lab*lrj	0.55	0.108	−0.103
lab*tce	0.525	0.15	0.878
lab*ncE	0.4	0.15	b51r

B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
40%C
Fa
Ma Rot
Schwarz Na
Qa Bunttondreieck

ME500−7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*SRS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*SRS18 setcmykcolor*
Annäherung: 4 Elementar– und 4 Zwischenfarben   Ausgabe: *w* setgray*

F: Ausgabe-Linearisierung (OL-Daten) MG47/10L/L47G00FP.DAT in der Datei (F)

äquivalente farbmetrische Farbkoordinaten

System:

ORS18　　J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LCH setcolor*
*LAB*LCH*: 60.51, 11.44, 68.82*
*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**
olvi3* 0.555 0.6 0.51 (1.0)
cmyn3* 0.445 0.4 0.49 (0.0)
olvi4* 0.925 1.0 0.85 0.6
cmyn4* 0.075 0.0 0.15 0.4
standard and *adapted* **CIELAB**
LAB*LAB 60.73 −5.8 11.92
LAB*LABa 60.73 −5.47 9.5
LAB*TCHa 52.5 10.97 119.98
relative **CIELAB** *lab**
lab*lab 0.552 −0.074 0.13
lab*tch 0.525 0.15 0.333
lab*nch 0.4 0.15 0.333
relative **Natural Colour (NC)**
lab*lrj 0.552 −0.086 0.122
lab*tce 0.525 0.15 0.349
lab*ncE 0.4 0.15 j39g

J'

relative **Inform. Technology (IT)**
olvi3* 0.6 0.6 0.51 (1.0)
cmyn3* 0.4 0.4 0.49 (0.0)
olvi4* 1.0 1.0 0.85 0.6
cmyn4* 0.0 0.0 0.15 0.4
standard and *adapted* **CIELAB**
LAB*LAB 63.69 −1.91 16.38
LAB*LABa 63.69 −1.53 13.76
LAB*TCHa 52.5 13.85 96.38
relative **CIELAB** *lab**
lab*lab 0.59 −0.016 0.149
lab*tch 0.525 0.15 0.268
lab*nch 0.4 0.15 0.268
relative **Natural Colour (NC)**
lab*lrj 0.59 −0.013 0.149
lab*tce 0.525 0.15 0.265
lab*ncE 0.4 0.15 j05g

R50J'

relative **Inform. Technology (IT)**
olvi3* 0.6 0.555 0.51 (1.0)
cmyn3* 0.4 0.445 0.49 (0.0)
olvi4* 1.0 0.925 0.85 0.6
cmyn4* 0.0 0.075 0.15 0.4
standard and *adapted* **CIELAB**
LAB*LAB 60.51 3.82 13.07
LAB*LABa 60.51 4.13 10.67
LAB*TCHa 52.5 11.44 68.82
relative **CIELAB** *lab**
lab*lab 0.549 0.054 0.14
lab*tch 0.525 0.15 0.191
lab*nch 0.4 0.15 0.191
relative **Natural Colour (NC)**
lab*lrj 0.549 0.079 0.128
lab*tce 0.525 0.15 0.162
lab*ncE 0.4 0.15 r64j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.29, 68.82

LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.81, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

relative **Inform. Technology (IT)**
olvi3* 0.51 0.6 0.51 (1.0)
cmyn3* 0.49 0.4 0.49 (0.0)
olvi4* 0.85 1.0 0.85 0.6
cmyn4* 0.15 0.0 0.15 0.4
standard and *adapted* **CIELAB**
LAB*LAB 57.77 −9.68 7.46
LAB*LABa 57.77 −9.42 5.24
LAB*TCHa 52.5 10.79 150.91
relative **CIELAB** *lab**
lab*lab 0.514 −0.13 0.073
lab*tch 0.525 0.15 0.419
lab*nch 0.4 0.15 0.419
relative **Natural Colour (NC)**
lab*lrj 0.514 −0.144 0.038
lab*tce 0.525 0.15 0.46
lab*ncE 0.4 0.15 j83g

relative **Inform. Technology (IT)**
olvi3* 0.525 0.525 0.525 (1.0)
cmyn3* 0.475 0.475 0.475 (0.0)
olvi4* 1.0 1.0 1.0 0.525
cmyn4* 0.0 0.0 0.0 0.475
standard and *adapted* **CIELAB**
LAB*LAB 58.65 −0.27 2.28
LAB*LABa 58.65 0.0 0.0
LAB*TCHa 52.5 0.0 −
relative **CIELAB** *lab**
lab*lab 0.525 0.0 0.0
lab*tch 0.525 0.0 −
lab*nch 0.475 0.0 −
relative **Natural Colour (NC)**
lab*lrj 0.525 0.0 0.0
lab*tce 0.525 0.0 −
lab*ncE 0.475 0.0 −

relative **Inform. Technology (IT)**
olvi3* 0.6 0.51 0.51 (1.0)
cmyn3* 0.4 0.49 0.49 (0.0)
olvi4* 1.0 0.85 0.85 0.6
cmyn4* 0.0 0.15 0.15 0.4
standard and *adapted* **CIELAB**
LAB*LAB 57.33 9.55 9.76
LAB*LABa 57.33 9.81 7.58
LAB*TCHa 52.5 12.39 37.69
relative **CIELAB** *lab**
lab*lab 0.508 0.119 0.092
lab*tch 0.525 0.15 0.105
lab*nch 0.4 0.15 0.105
relative **Natural Colour (NC)**
lab*lrj 0.508 0.144 0.042
lab*tce 0.525 0.15 0.046
lab*ncE 0.4 0.15 r18j

R'

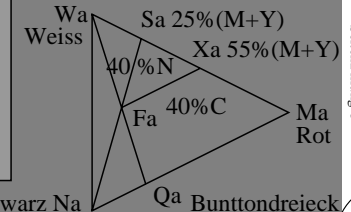olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

relative **Inform. Technology (IT)**
olvi3* 0.51 0.6 0.6 (1.0)
cmyn3* 0.49 0.4 0.4 (0.0)
olvi4* 0.85 1.0 1.0 0.6
cmyn4* 0.15 0.0 0.0 0.4
standard and *adapted* **CIELAB**
LAB*LAB 58.93 −4.83 −4.45
LAB*LABa 58.93 −4.54 −6.74
LAB*TCHa 52.5 8.14 236.02
relative **CIELAB** *lab**
lab*lab 0.529 −0.083 −0.123
lab*tch 0.525 0.15 0.656
lab*nch 0.4 0.15 0.656
relative **Natural Colour (NC)**
lab*lrj 0.529 −0.073 −0.13
lab*tce 0.525 0.15 0.668
lab*ncE 0.4 0.15 g67b

relative **Inform. Technology (IT)**
olvi3* 0.51 0.51 0.6 (1.0)
cmyn3* 0.49 0.49 0.4 (0.0)
olvi4* 0.85 0.85 1.0 0.6
cmyn4* 0.15 0.15 0.0 0.4
standard and *adapted* **CIELAB**
LAB*LAB 54.0 4.47 −4.69
LAB*LABa 54.0 4.66 −6.65
LAB*TCHa 52.5 8.13 305.0
relative **CIELAB** *lab**
lab*lab 0.465 0.086 −0.122
lab*tch 0.525 0.15 0.847
lab*nch 0.4 0.15 0.847
relative **Natural Colour (NC)**
lab*lrj 0.465 0.067 −0.133
lab*tce 0.525 0.15 0.823
lab*ncE 0.4 0.15 b29r

relative **Inform. Technology (IT)**
olvi3* 0.6 0.51 0.6 (1.0)
cmyn3* 0.4 0.49 0.4 (0.0)
olvi4* 1.0 0.85 1.0 0.6
cmyn4* 0.0 0.15 0.0 0.4
standard and *adapted* **CIELAB**
LAB*LAB 57.36 11.03 0.93
LAB*LABa 57.36 11.29 −1.24
LAB*TCHa 52.5 11.36 353.66
relative **CIELAB** *lab**
lab*lab 0.508 0.149 −0.016
lab*tch 0.525 0.15 0.982
lab*nch 0.4 0.15 0.982
relative **Natural Colour (NC)**
lab*lrj 0.508 0.136 −0.063
lab*tce 0.525 0.15 0.93
lab*ncE 0.4 0.15 b72r

G50J'　　B'　　B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
40%C
Fa 40%
Ma Rot
Schwarz Na
Qa
Bunttondreieck

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)
Annäherung: 4 Elementar− und 4 Zwischenfarben
Transfer via: *cmy0*ORS18 setcmykcolor*
Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

TLS00　　J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LCH setcolor*
*LAB*LCH*: 53.68, 12.39, 70.1*
*LAB*LABx: 53.68, 4.22, 11.65*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	56.16	−7.75	12.8
*LAB*LABa*	56.16	−7.75	12.8
*LAB*TCHa*	52.5	14.97	121.23
relative **CIELAB** *lab**			
*lab*lab*	0.589	−0.077	0.128
*lab*tch*	0.525	0.15	0.337
*lab*nch*	0.4	0.15	0.337
relative **Natural Colour (NC)**			
*lab*lrj*	0.589	−0.09	0.119
*lab*tce*	0.525	0.15	0.353
*lab*ncE*	0.4	0.15	j41g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	56.84	−3.1	13.61
*LAB*LABa*	56.84	−3.1	13.61
*LAB*TCHa*	52.5	13.96	102.85
relative **CIELAB** *lab**			
*lab*lab*	0.596	−0.032	0.146
*lab*tch*	0.525	0.15	0.286
*lab*nch*	0.4	0.15	0.286
relative **Natural Colour (NC)**			
*lab*lrj*	0.596	−0.034	0.146
*lab*tce*	0.525	0.15	0.288
*lab*ncE*	0.4	0.15	j15g

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	53.68	4.22	11.65
*LAB*LABa*	53.68	4.22	11.65
*LAB*TCHa*	52.5	12.39	70.1
relative **CIELAB** *lab**			
*lab*lab*	0.563	0.051	0.141
*lab*tch*	0.525	0.15	0.195
*lab*nch*	0.4	0.15	0.195
relative **Natural Colour (NC)**			
*lab*lrj*	0.563	0.075	0.13
*lab*tce*	0.525	0.15	0.167
*lab*ncE*	0.4	0.15	r66j

G'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	55.48	−12.4	11.99
*LAB*LABa*	55.48	−12.4	11.99
*LAB*TCHa*	52.5	17.26	136.01
relative **CIELAB** *lab**			
*lab*lab*	0.581	−0.107	0.104
*lab*tch*	0.525	0.15	0.378
*lab*nch*	0.4	0.15	0.378
relative **Natural Colour (NC)**			
*lab*lrj*	0.581	−0.124	0.083
*lab*tce*	0.525	0.15	0.406
*lab*ncE*	0.4	0.15	j62g

(middle-center panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475
standard and *adapted* **CIELAB**			
*LAB*LAB*	50.1	0.0	0.0
*LAB*LABa*	50.1	0.0	0.0
*LAB*TCHa*	52.5	0.0	–
relative **CIELAB** *lab**			
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.0	–
*lab*nch*	0.475	0.0	–
relative **Natural Colour (NC)**			
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	–
*lab*ncE*	0.475	0.0	–

R'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	50.51	11.54	9.68
*LAB*LABa*	50.51	11.54	9.68
*LAB*TCHa*	52.5	15.06	40.0
relative **CIELAB** *lab**			
*lab*lab*	0.529	0.115	0.096
*lab*tch*	0.525	0.15	0.111
*lab*nch*	0.4	0.15	0.111
relative **Natural Colour (NC)**			
*lab*lrj*	0.529	0.141	0.05
*lab*tce*	0.525	0.15	0.054
*lab*ncE*	0.4	0.15	r21j

G50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	55.97	−6.92	−2.02
*LAB*LABa*	55.97	−6.92	−2.02
*LAB*TCHa*	52.5	7.22	196.37
relative **CIELAB** *lab**			
*lab*lab*	0.587	−0.143	−0.041
*lab*tch*	0.525	0.15	0.545
*lab*nch*	0.4	0.15	0.545
relative **Natural Colour (NC)**			
*lab*lrj*	0.587	−0.131	−0.07
*lab*tce*	0.525	0.15	0.578
*lab*ncE*	0.4	0.15	g31b

B'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	47.5	11.41	−15.53
*LAB*LABa*	47.5	11.41	−15.53
*LAB*TCHa*	52.5	19.28	306.29
relative **CIELAB** *lab**			
*lab*lab*	0.498	0.089	−0.12
*lab*tch*	0.525	0.15	0.851
*lab*nch*	0.4	0.15	0.851
relative **Natural Colour (NC)**			
*lab*lrj*	0.498	0.069	−0.132
*lab*tce*	0.525	0.15	0.826
*lab*ncE*	0.4	0.15	b30r

B50R'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	51.53	14.15	−8.75
*LAB*LABa*	51.53	14.15	−8.75
*LAB*TCHa*	52.5	16.65	328.23
relative **CIELAB** *lab**			
*lab*lab*	0.54	0.128	−0.078
*lab*tch*	0.525	0.15	0.912
*lab*nch*	0.4	0.15	0.912
relative **Natural Colour (NC)**			
*lab*lrj*	0.54	0.106	−0.106
*lab*tce*	0.525	0.15	0.874
*lab*ncE*	0.4	0.15	b49r

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 53.68, 4.22, 11.65
LCH*Fa: 53.68, 12.39, 70.1

LAB*Ma: 71.58, 28.11, 77.65
LCH*Ma: 71.58, 82.58, 70.1

LAB*Sa: 89.45, 7.03, 19.41
LCH*Sa: 89.45, 20.65, 70.1

LAB*Qa: 19.53, 7.67, 21.18
LCH*Qa: 19.53, 22.52, 70.1

LAB*Xa: 82.3, 15.46, 42.71
LCH*Xa: 82.3, 45.42, 70.1

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.195
ncw*Fa: 0.4, 0.15, 0.45
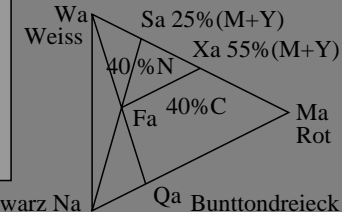olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.195
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.195
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.195
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.195
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa
Weiss　　Sa 25%(M+Y)

Xa 55%(M+Y)

40%N

Fa　40%C

Ma Rot

Schwarz Na　　Qa　Bunttondreieck

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)　　Transfer via: *cmy0*TLS00 setcmykcolor*
Annäherung: 4 Elementar– und 4 Zwischenfarben　　Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

DRSxx   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LCH setcolor*
*LAB*LCH*: 60.51, 11.44, 68.82*
*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4

standard and **adapted** CIELAB
*LAB*LAB*	60.73	−5.79	11.92
*LAB*LABa*	60.73	−5.47	9.5
*LAB*TCHa*	52.5	10.97	119.98

relative CIELAB *lab**
*lab*lab*	0.552	−0.074	0.13
*lab*tch*	0.525	0.15	0.333
*lab*nch*	0.4	0.15	0.333

relative Natural Colour (NC)
*lab*lrj*	0.552	−0.086	0.122
*lab*tce*	0.525	0.15	0.349
*lab*ncE*	0.4	0.15	j39g

J'

relative Inform. Technology (IT)
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4

standard and **adapted** CIELAB
*LAB*LAB*	63.69	−1.91	16.38
*LAB*LABa*	63.69	−1.53	13.76
*LAB*TCHa*	52.5	13.85	96.38

relative CIELAB *lab**
*lab*lab*	0.59	−0.016	0.149
*lab*tch*	0.525	0.15	0.268
*lab*nch*	0.4	0.15	0.268

relative Natural Colour (NC)
*lab*lrj*	0.59	−0.013	0.149
*lab*tce*	0.525	0.15	0.265
*lab*ncE*	0.4	0.15	j05g

R50J'

relative Inform. Technology (IT)
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4

standard and **adapted** CIELAB
*LAB*LAB*	60.51	3.82	13.08
*LAB*LABa*	60.51	4.13	10.67
*LAB*TCHa*	52.5	11.44	68.82

relative CIELAB *lab**
*lab*lab*	0.549	0.054	0.14
*lab*tch*	0.525	0.15	0.191
*lab*nch*	0.4	0.15	0.191

relative Natural Colour (NC)
*lab*lrj*	0.549	0.079	0.128
*lab*tce*	0.525	0.15	0.162
*lab*ncE*	0.4	0.15	r64j

G' (middle left)

relative Inform. Technology (IT)
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4

standard and **adapted** CIELAB
*LAB*LAB*	57.77	−9.68	7.46
*LAB*LABa*	57.77	−9.41	5.24
*LAB*TCHa*	52.5	10.78	150.91

relative CIELAB *lab**
*lab*lab*	0.514	−0.13	0.073
*lab*tch*	0.525	0.15	0.419
*lab*nch*	0.4	0.15	0.419

relative Natural Colour (NC)
*lab*lrj*	0.514	−0.144	0.038
*lab*tce*	0.525	0.15	0.46
*lab*ncE*	0.4	0.15	j83g

(middle center)

relative Inform. Technology (IT)
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475

standard and **adapted** CIELAB
*LAB*LAB*	58.65	−0.27	2.28
*LAB*LABa*	58.65	0.0	0.0
*LAB*TCHa*	52.5	0.0	−

relative CIELAB *lab**
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.0	−
*lab*nch*	0.475	0.0	−

relative Natural Colour (NC)
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	−
*lab*ncE*	0.475	0.0	−

R' (middle right)

relative Inform. Technology (IT)
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4

standard and **adapted** CIELAB
*LAB*LAB*	57.33	9.55	9.77
*LAB*LABa*	57.33	9.81	7.58
*LAB*TCHa*	52.5	12.39	37.69

relative CIELAB *lab**
*lab*lab*	0.508	0.119	0.092
*lab*tch*	0.525	0.15	0.105
*lab*nch*	0.4	0.15	0.105

relative Natural Colour (NC)
*lab*lrj*	0.508	0.144	0.042
*lab*tce*	0.525	0.15	0.046
*lab*ncE*	0.4	0.15	r18j

G50J' (bottom left)

relative Inform. Technology (IT)
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4

standard and **adapted** CIELAB
*LAB*LAB*	58.93	−4.83	−4.44
*LAB*LABa*	58.93	−4.54	−6.74
*LAB*TCHa*	52.5	8.14	236.02

relative CIELAB *lab**
*lab*lab*	0.529	−0.083	−0.123
*lab*tch*	0.525	0.15	0.656
*lab*nch*	0.4	0.15	0.656

relative Natural Colour (NC)
*lab*lrj*	0.529	−0.073	−0.13
*lab*tce*	0.525	0.15	0.668
*lab*ncE*	0.4	0.15	g67b

B' (bottom center)

relative Inform. Technology (IT)
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4

standard and **adapted** CIELAB
*LAB*LAB*	54.0	4.47	−4.68
*LAB*LABa*	54.0	4.66	−6.65
*LAB*TCHa*	52.5	8.13	305.0

relative CIELAB *lab**
*lab*lab*	0.465	0.086	−0.122
*lab*tch*	0.525	0.15	0.847
*lab*nch*	0.4	0.15	0.847

relative Natural Colour (NC)
*lab*lrj*	0.465	0.067	−0.133
*lab*tce*	0.525	0.15	0.823
*lab*ncE*	0.4	0.15	b29r

B50R' (bottom right)

relative Inform. Technology (IT)
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4

standard and **adapted** CIELAB
*LAB*LAB*	57.36	11.03	0.94
*LAB*LABa*	57.36	11.29	−1.24
*LAB*TCHa*	52.5	11.36	353.66

relative CIELAB *lab**
*lab*lab*	0.508	0.149	−0.016
*lab*tch*	0.525	0.15	0.982
*lab*nch*	0.4	0.15	0.982

relative Natural Colour (NC)
*lab*lrj*	0.508	0.136	−0.063
*lab*tce*	0.525	0.15	0.93
*lab*ncE*	0.4	0.15	b72r

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.28, 68.82

LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.8, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

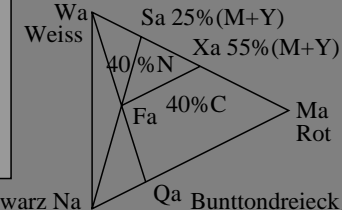olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa
Weiss   Sa 25%(M+Y)
               Xa 55%(M+Y)
40%N
        40%C
Fa   Ma
              Rot
Schwarz Na   Qa   Bunttondreieck

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*DRSxx setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

TLS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

unten: *LAB*LCH setcolor*
*LAB*LCH*: 61.05, 10.86, 69.07*
*LAB*LABx: 61.05, 3.88, 10.15*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**

olvi3*	0.555	0.6	0.51	(1.0)
cmyn3*	0.445	0.4	0.49	(0.0)
olvi4*	0.925	1.0	0.85	0.6
cmyn4*	0.075	0.0	0.15	0.4

standard and *adapted* **CIELAB**

LAB*LAB	63.39	−7.42	11.94
LAB*LABa	63.39	−7.42	11.94
LAB*TCHa	52.5	14.07	121.9

relative **CIELAB** *lab**

lab*lab	0.586	−0.078	0.127
lab*tch	0.525	0.15	0.339
lab*nch	0.4	0.15	0.339

relative **Natural Colour (NC)**

lab*lrj	0.586	−0.092	0.118
lab*tce	0.525	0.15	0.356
lab*ncE	0.4	0.15	j42g

J'

relative **Inform. Technology (IT)**

olvi3*	0.6	0.6	0.51	(1.0)
cmyn3*	0.4	0.4	0.49	(0.0)
olvi4*	1.0	1.0	0.85	0.6
cmyn4*	0.0	0.0	0.15	0.4

standard and *adapted* **CIELAB**

LAB*LAB	64.05	−3.0	12.77
LAB*LABa	64.05	−3.0	12.77
LAB*TCHa	52.5	13.12	103.25

relative **CIELAB** *lab**

lab*lab	0.595	−0.033	0.146
lab*tch	0.525	0.15	0.287
lab*nch	0.4	0.15	0.287

relative **Natural Colour (NC)**

lab*lrj	0.595	−0.036	0.145
lab*tce	0.525	0.15	0.289
lab*ncE	0.4	0.15	j15g

R50J'

relative **Inform. Technology (IT)**

olvi3*	0.6	0.555	0.51	(1.0)
cmyn3*	0.4	0.445	0.49	(0.0)
olvi4*	1.0	0.925	0.85	0.6
cmyn4*	0.0	0.075	0.15	0.4

standard and *adapted* **CIELAB**

LAB*LAB	61.05	3.88	10.15
LAB*LABa	61.05	3.88	10.15
LAB*TCHa	52.5	10.86	69.07

relative **CIELAB** *lab**

lab*lab	0.556	0.054	0.14
lab*tch	0.525	0.15	0.192
lab*nch	0.4	0.15	0.192

relative **Natural Colour (NC)**

lab*lrj	0.556	0.078	0.128
lab*tce	0.525	0.15	0.163
lab*ncE	0.4	0.15	r65j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 61.05, 3.88, 10.15
LCH*Fa: 61.05, 10.86, 69.07

LAB*Ma: 72.72, 25.87, 67.65
LCH*Ma: 72.72, 72.43, 69.07

LAB*Sa: 89.74, 6.47, 16.91
LCH*Sa: 89.74, 18.11, 69.07

LAB*Qa: 32.93, 7.06, 18.45
LCH*Qa: 32.93, 19.75, 69.07

LAB*Xa: 82.93, 14.23, 37.21
LCH*Xa: 82.93, 39.84, 69.07

R'

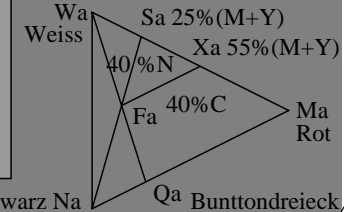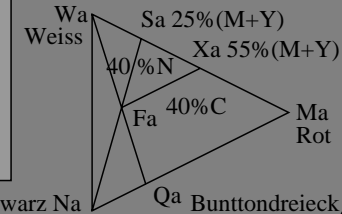olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.192
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.192
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.192
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.192
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.192
ncw*Xa: 0.0, 0.55, 0.45

G' (middle-left)

relative **Inform. Technology (IT)**

olvi3*	0.51	0.6	0.51	(1.0)
cmyn3*	0.49	0.4	0.49	(0.0)
olvi4*	0.85	1.0	0.85	0.6
cmyn4*	0.15	0.0	0.15	0.4

standard and *adapted* **CIELAB**

LAB*LAB	62.74	−11.85	11.12
LAB*LABa	62.74	−11.85	11.12
LAB*TCHa	52.5	16.26	136.86

relative **CIELAB** *lab**

lab*lab	0.578	−0.108	0.103
lab*tch	0.525	0.15	0.38
lab*nch	0.4	0.15	0.38

relative **Natural Colour (NC)**

lab*lrj	0.578	−0.125	0.081
lab*tce	0.525	0.15	0.409
lab*ncE	0.4	0.15	j63g

(middle-center)

relative **Inform. Technology (IT)**

olvi3*	0.525	0.525	0.525	(1.0)
cmyn3*	0.475	0.475	0.475	(0.0)
olvi4*	1.0	1.0	1.0	0.525
cmyn4*	0.0	0.0	0.0	0.475

standard and *adapted* **CIELAB**

LAB*LAB	58.65	0.0	0.0
LAB*LABa	58.65	0.0	0.0
LAB*TCHa	52.5	0.0	−

relative **CIELAB** *lab**

lab*lab	0.525	0.0	0.0
lab*tch	0.525	0.0	−
lab*nch	0.475	0.0	−

relative **Natural Colour (NC)**

lab*lrj	0.525	0.0	0.0
lab*tce	0.525	0.0	−
lab*ncE	0.475	0.0	−

R' (middle-right)

relative **Inform. Technology (IT)**

olvi3*	0.6	0.51	0.51	(1.0)
cmyn3*	0.4	0.49	0.49	(0.0)
olvi4*	1.0	0.85	0.85	0.6
cmyn4*	0.0	0.15	0.15	0.4

standard and *adapted* **CIELAB**

LAB*LAB	58.04	10.77	7.53
LAB*LABa	58.04	10.77	7.53
LAB*TCHa	52.5	13.14	34.95

relative **CIELAB** *lab**

lab*lab	0.517	0.123	0.086
lab*tch	0.525	0.15	0.097
lab*nch	0.4	0.15	0.097

relative **Natural Colour (NC)**

lab*lrj	0.517	0.146	0.033
lab*tce	0.525	0.15	0.035
lab*ncE	0.4	0.15	r14j

G50J' (bottom-left)

relative **Inform. Technology (IT)**

olvi3*	0.51	0.6	0.6	(1.0)
cmyn3*	0.49	0.4	0.4	(0.0)
olvi4*	0.85	1.0	1.0	0.6
cmyn4*	0.15	0.0	0.0	0.4

standard and *adapted* **CIELAB**

LAB*LAB	63.21	−6.66	−1.96
LAB*LABa	63.21	−6.66	−1.96
LAB*TCHa	52.5	6.95	196.46

relative **CIELAB** *lab**

lab*lab	0.584	−0.143	−0.042
lab*tch	0.525	0.15	0.546
lab*nch	0.4	0.15	0.546

relative **Natural Colour (NC)**

lab*lrj	0.584	−0.131	−0.07
lab*tce	0.525	0.15	0.578
lab*ncE	0.4	0.15	g31b

B' (bottom-center)

relative **Inform. Technology (IT)**

olvi3*	0.51	0.51	0.6	(1.0)
cmyn3*	0.49	0.49	0.4	(0.0)
olvi4*	0.85	0.85	1.0	0.6
cmyn4*	0.15	0.15	0.0	0.4

standard and *adapted* **CIELAB**

LAB*LAB	54.9	3.7	−5.62
LAB*LABa	54.9	3.7	−5.62
LAB*TCHa	52.5	6.74	303.29

relative **CIELAB** *lab**

lab*lab	0.477	0.082	−0.124
lab*tch	0.525	0.15	0.842
lab*nch	0.4	0.15	0.842

relative **Natural Colour (NC)**

lab*lrj	0.477	0.063	−0.135
lab*tce	0.525	0.15	0.819
lab*ncE	0.4	0.15	b27r

B50R' (bottom-right)

relative **Inform. Technology (IT)**

olvi3*	0.6	0.51	0.6	(1.0)
cmyn3*	0.4	0.49	0.4	(0.0)
olvi4*	1.0	0.85	1.0	0.6
cmyn4*	0.0	0.15	0.0	0.4

standard and *adapted* **CIELAB**

LAB*LAB	58.98	13.42	−2.91
LAB*LABa	58.98	13.42	−2.91
LAB*TCHa	52.5	13.74	347.72

relative **CIELAB** *lab**

lab*lab	0.529	0.147	−0.031
lab*tch	0.525	0.15	0.966
lab*nch	0.4	0.15	0.966

relative **Natural Colour (NC)**

lab*lrj	0.529	0.13	−0.074
lab*tce	0.525	0.15	0.917
lab*ncE	0.4	0.15	b66r

B50R'

Wa
Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
40%C
Fa
Ma Rot
Schwarz Na
Qa Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*TLS18 setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

SLS00   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LCH setcolor*
*LAB*LCH*: 52.5, 12.99, 60.0*
*LAB*LABx: 52.5, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

Siehe ähnliche Dateien: http://www.ps.bam.de/MG47/
Technische Information: http://www.ps.bam.de   Version 3.0, io=1,7; iORS; oORS, CIELAB

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51	(1.0)
*cmyn3**	0.445	0.4	0.49	(0.0)
*olvi4**	0.925	1.0	0.85	0.6
*cmyn4**	0.075	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   52.5   −6.49   11.25
LAB*LABa   52.5   −6.49   11.25
LAB*TCHa   52.5   12.99   120.0

relative CIELAB *lab**
lab*lab   0.525   −0.074 0.13
lab*tch   0.525   0.15   0.333
lab*nch   0.4   0.15   0.333

relative Natural Colour (NC)
lab*lrj   0.525   −0.086 0.122
lab*tce   0.525   0.15   0.349
lab*ncE   0.4   0.15   j39g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51	(1.0)
*cmyn3**	0.4	0.4	0.49	(0.0)
*olvi4**	1.0	1.0	0.85	0.6
*cmyn4**	0.0	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   55.0   0.0   15.0
LAB*LABa   55.0   0.0   0.0
LAB*TCHa   52.5   15.0   90.0

relative CIELAB *lab**
lab*lab   0.55   0.0   0.15
lab*tch   0.525   0.15   0.25
lab*nch   0.4   0.15   0.25

relative Natural Colour (NC)
lab*lrj   0.55   0.008   0.15
lab*tce   0.525   0.15   0.241
lab*ncE   0.4   0.15   r96j

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51	(1.0)
*cmyn3**	0.4	0.445	0.49	(0.0)
*olvi4**	1.0	0.925	0.85	0.6
*cmyn4**	0.0	0.075	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   52.5   6.5   11.25
LAB*LABa   52.5   6.5   11.25
LAB*TCHa   52.5   12.99   60.0

relative CIELAB *lab**
lab*lab   0.525   0.075   0.13
lab*tch   0.525   0.15   0.167
lab*nch   0.4   0.15   0.167

relative Natural Colour (NC)
lab*lrj   0.525   0.103   0.109
lab*tce   0.525   0.15   0.129
lab*ncE   0.4   0.15   r51j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 52.5, 6.5, 11.25
LCH*Fa: 52.5, 12.99, 60.0

LAB*Ma: 50.0, 43.3, 75.0
LCH*Ma: 50.0, 86.6, 60.0

LAB*Sa: 87.5, 10.82, 18.75
LCH*Sa: 87.5, 21.65, 60.0

LAB*Qa: 13.64, 11.81, 20.45
LCH*Qa: 13.64, 23.62, 60.0

LAB*Xa: 72.5, 23.82, 41.25
LCH*Xa: 72.5, 47.63, 60.0

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
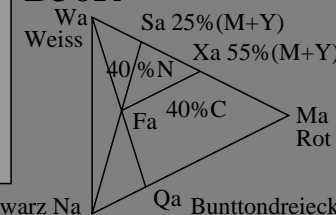olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

G50J' (middle left)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51	(1.0)
*cmyn3**	0.49	0.4	0.49	(0.0)
*olvi4**	0.85	1.0	0.85	0.6
*cmyn4**	0.15	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   50.0   −12.98   7.5
LAB*LABa   50.0   −12.98   7.5
LAB*TCHa   52.5   15.0   150.0

relative CIELAB *lab**
lab*lab   0.5   −0.129   0.075
lab*tch   0.525   0.15   0.417
lab*nch   0.4   0.15   0.417

relative Natural Colour (NC)
lab*lrj   0.5   −0.143   0.041
lab*tce   0.525   0.15   0.456
lab*ncE   0.4   0.15   j82g

(middle center)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525	(1.0)
*cmyn3**	0.475	0.475	0.475	(0.0)
*olvi4**	1.0	1.0	1.0	0.525
*cmyn4**	0.0	0.0	0.0	0.475

standard and *adapted* CIELAB
LAB*LAB   52.5   0.0   0.0
LAB*LABa   52.5   0.0   0.0
LAB*TCHa   52.5   0.0   −

relative CIELAB *lab**
lab*lab   0.525   0.0   0.0
lab*tch   0.525   0.15   −
lab*nch   0.475   0.15   0.083

relative Natural Colour (NC)
lab*lrj   0.525   0.0   0.0
lab*tce   0.525   0.0   −
lab*ncE   0.475   0.0   −

(middle right)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51	(1.0)
*cmyn3**	0.4	0.49	0.49	(0.0)
*olvi4**	1.0	0.85	0.85	0.6
*cmyn4**	0.0	0.15	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   50.0   12.99   7.5
LAB*LABa   50.0   12.99   7.5
LAB*TCHa   52.5   15.0   30.0

relative CIELAB *lab**
lab*lab   0.5   0.13   0.075
lab*tch   0.525   0.15   0.083
lab*nch   0.4   0.15   0.083

relative Natural Colour (NC)
lab*lrj   0.5   0.149   0.016
lab*tce   0.525   0.15   0.017
lab*ncE   0.4   0.15   r06j

G50J' (bottom left)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6	(1.0)
*cmyn3**	0.49	0.4	0.4	(0.0)
*olvi4**	0.85	1.0	1.0	0.6
*cmyn4**	0.15	0.0	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   55.0   −12.98   −7.49
LAB*LABa   55.0   −12.98   −7.49
LAB*TCHa   52.5   15.0   210.0

relative CIELAB *lab**
lab*lab   0.55   −0.129   −0.074
lab*tch   0.525   0.15   0.583
lab*nch   0.4   0.15   0.583

relative Natural Colour (NC)
lab*lrj   0.55   −0.115   −0.094
lab*tce   0.525   0.15   0.609
lab*ncE   0.4   0.15   g43b

B' (bottom center)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6	(1.0)
*cmyn3**	0.49	0.49	0.4	(0.0)
*olvi4**	0.85	0.85	1.0	0.6
*cmyn4**	0.15	0.15	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   50.0   0.0   −14.99
LAB*LABa   50.0   0.0   −14.99
LAB*TCHa   52.5   15.0   270.0

relative CIELAB *lab**
lab*lab   0.5   0.0   −0.149
lab*tch   0.525   0.15   0.75
lab*nch   0.4   0.15   0.75

relative Natural Colour (NC)
lab*lrj   0.5   −0.003 −0.149
lab*tce   0.525   0.15   0.746
lab*ncE   0.4   0.15   g98b

B50R' (bottom right)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6	(1.0)
*cmyn3**	0.4	0.49	0.4	(0.0)
*olvi4**	1.0	0.85	1.0	0.6
*cmyn4**	0.0	0.15	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   55.0   12.99   −7.49
LAB*LABa   55.0   12.99   −7.49
LAB*TCHa   52.5   15.0   330.0

relative CIELAB *lab**
lab*lab   0.55   0.13   −0.074
lab*tch   0.525   0.15   0.917
lab*nch   0.4   0.15   0.917

relative Natural Colour (NC)
lab*lrj   0.55   0.108   −0.103
lab*tce   0.525   0.15   0.878
lab*ncE   0.4   0.15   b51r

B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
Fa 40%C
Ma Rot
Schwarz Na   Qa   Bunttondreieck

J'   R50J'
G50B'   B'   B50R'

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*SLS00* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*SLS00 setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

SRS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: LAB*LCH setcolor*
*LAB*LCH*: 58.65, 12.99, 60.0*
*LAB*LABx: 58.65, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	58.65	−6.49	11.25
*LAB*LABa*	58.65	−6.49	11.25
*LAB*TCHa*	52.5	12.99	120.0

relative **CIELAB** *lab**
*lab*lab*	0.525	−0.074	0.13
*lab*tch*	0.525	0.15	0.333
*lab*nch*	0.4	0.15	0.333

relative **Natural Colour (NC)**
*lab*lrj*	0.525	−0.086	0.122
*lab*tce*	0.525	0.15	0.349
*lab*ncE*	0.4	0.15	j39g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	60.58	0.0	15.0
*LAB*LABa*	60.58	0.0	15.0
*LAB*TCHa*	52.5	15.0	90.0

relative **CIELAB** *lab**
*lab*lab*	0.55	0.0	0.15
*lab*tch*	0.525	0.15	0.25
*lab*nch*	0.4	0.15	0.25

relative **Natural Colour (NC)**
*lab*lrj*	0.55	0.008	0.15
*lab*tce*	0.525	0.15	0.241
*lab*ncE*	0.4	0.15	r96j

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	58.65	6.5	11.25
*LAB*LABa*	58.65	6.5	11.25
*LAB*TCHa*	52.5	12.99	60.0

relative **CIELAB** *lab**
*lab*lab*	0.525	0.075	0.13
*lab*tch*	0.525	0.15	0.167
*lab*nch*	0.4	0.15	0.167

relative **Natural Colour (NC)**
*lab*lrj*	0.525	0.103	0.109
*lab*tce*	0.525	0.15	0.129
*lab*ncE*	0.4	0.15	r51j

Alle Daten für Farbe R50J'

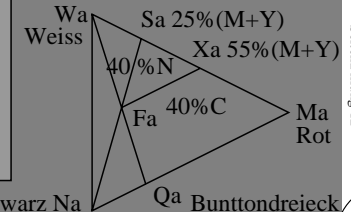## R50J'

LAB*Fa: 58.65, 6.5, 11.25
LCH*Fa: 58.65, 12.99, 60.0

LAB*Ma: 56.71, 43.3, 75.0
LCH*Ma: 56.71, 86.6, 60.0

LAB*Sa: 85.74, 10.82, 18.75
LCH*Sa: 85.74, 21.65, 60.0

LAB*Qa: 28.56, 11.81, 20.45
LCH*Qa: 28.56, 23.62, 60.0

LAB*Xa: 74.12, 23.82, 41.25
LCH*Xa: 74.12, 47.63, 60.0

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

(center-left panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	56.71	−12.98	7.5
*LAB*LABa*	56.71	−12.98	7.5
*LAB*TCHa*	52.5	15.0	150.0

relative **CIELAB** *lab**
*lab*lab*	0.5	−0.129	0.075
*lab*tch*	0.525	0.15	0.417
*lab*nch*	0.4	0.15	0.417

relative **Natural Colour (NC)**
*lab*lrj*	0.5	−0.143	0.041
*lab*tce*	0.525	0.15	0.456
*lab*ncE*	0.4	0.15	j82g

(center panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475

standard and *adapted* **CIELAB**
*LAB*LAB*	58.65	0.0	0.0
*LAB*LABa*	58.65	0.0	0.0
*LAB*TCHa*	52.5	0.0	−

relative **CIELAB** *lab**
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.15	−
*lab*nch*	0.475	0.0	−

relative **Natural Colour (NC)**
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	−
*lab*ncE*	0.475	0.0	−

(center-right panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	56.71	12.99	7.5
*LAB*LABa*	56.71	12.99	7.5
*LAB*TCHa*	52.5	15.0	30.0

relative **CIELAB** *lab**
*lab*lab*	0.5	0.13	0.075
*lab*tch*	0.525	0.15	0.083
*lab*nch*	0.4	0.15	0.083

relative **Natural Colour (NC)**
*lab*lrj*	0.5	0.149	0.016
*lab*tce*	0.525	0.15	0.017
*lab*ncE*	0.4	0.15	r06j

G50J' (bottom-left panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	60.58	−12.98	−7.49
*LAB*LABa*	60.58	−12.98	−7.49
*LAB*TCHa*	52.5	15.0	210.0

relative **CIELAB** *lab**
*lab*lab*	0.55	−0.129	−0.074
*lab*tch*	0.525	0.15	0.583
*lab*nch*	0.4	0.15	0.583

relative **Natural Colour (NC)**
*lab*lrj*	0.55	−0.115	−0.094
*lab*tce*	0.525	0.15	0.609
*lab*ncE*	0.4	0.15	g43b

B' (bottom-center panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	56.71	0.0	−14.99
*LAB*LABa*	56.71	0.0	−14.99
*LAB*TCHa*	52.5	15.0	270.0

relative **CIELAB** *lab**
*lab*lab*	0.5	0.0	−0.149
*lab*tch*	0.525	0.15	0.75
*lab*nch*	0.4	0.15	0.75

relative **Natural Colour (NC)**
*lab*lrj*	0.5	−0.003	−0.149
*lab*tce*	0.525	0.15	0.746
*lab*ncE*	0.4	0.15	g98b

B50R' (bottom-right panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4

standard and *adapted* **CIELAB**
*LAB*LAB*	60.58	12.99	−7.49
*LAB*LABa*	60.58	12.99	−7.49
*LAB*TCHa*	52.5	15.0	330.0

relative **CIELAB** *lab**
*lab*lab*	0.55	0.13	−0.074
*lab*tch*	0.525	0.15	0.917
*lab*nch*	0.4	0.15	0.917

relative **Natural Colour (NC)**
*lab*lrj*	0.55	0.108	−0.103
*lab*tce*	0.525	0.15	0.878
*lab*ncE*	0.4	0.15	b51r

B50R'

Wa
Weiss   Sa 25%(M+Y)
                Xa 55%(M+Y)
40%N
        40%C   Ma
Fa   Rot
Schwarz Na   Qa   Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*SRS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*SRS18 setcmykcolor*
Annäherung: 4 Elementar- und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

ORS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nch setcolor*
*lab*nch*: 0.4, 0.15, 0.191*
*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)
olvi3*	0.555	0.6	0.51	(1.0)
cmyn3*	0.445	0.4	0.49	(0.0)
olvi4*	0.925	1.0	0.85	0.6
cmyn4*	0.075	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	60.73	−5.8	11.92
LAB*LABa	60.73	−5.47	9.5
LAB*TCHa	52.5	10.97	119.98

relative CIELAB lab*
lab*lab	0.552	−0.074	0.13
lab*tch	0.525	0.15	0.333
lab*nch	0.4	0.15	0.333

relative Natural Colour (NC)
lab*lrj	0.552	−0.086	0.122
lab*tce	0.525	0.15	0.349
lab*ncE	0.4	0.15	j39g

J'

relative Inform. Technology (IT)
olvi3*	0.6	0.6	0.51	(1.0)
cmyn3*	0.4	0.4	0.49	(0.0)
olvi4*	1.0	1.0	0.85	0.6
cmyn4*	0.0	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	63.69	−1.91	16.38
LAB*LABa	63.69	−1.53	13.76
LAB*TCHa	52.5	13.85	96.38

relative CIELAB lab*
lab*lab	0.59	−0.016	0.149
lab*tch	0.525	0.15	0.268
lab*nch	0.4	0.15	0.268

relative Natural Colour (NC)
lab*lrj	0.59	−0.013	0.149
lab*tce	0.525	0.15	0.265
lab*ncE	0.4	0.15	j05g

R50J'

relative Inform. Technology (IT)
olvi3*	0.6	0.555	0.51	(1.0)
cmyn3*	0.4	0.445	0.49	(0.0)
olvi4*	1.0	0.925	0.85	0.6
cmyn4*	0.0	0.075	0.15	0.4

standard and adapted CIELAB
LAB*LAB	60.51	3.82	13.07
LAB*LABa	60.51	4.13	10.67
LAB*TCHa	52.5	11.44	68.82

relative CIELAB lab*
lab*lab	0.549	0.054	0.14
lab*tch	0.525	0.15	0.191
lab*nch	0.4	0.15	0.191

relative Natural Colour (NC)
lab*lrj	0.549	0.079	0.128
lab*tce	0.525	0.15	0.162
lab*ncE	0.4	0.15	r64j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.29, 68.82

LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.81, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

olvi3*Fa: 0.6, 0.525, 0.45
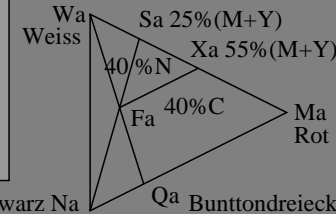tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

---

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.51	(1.0)
cmyn3*	0.49	0.4	0.49	(0.0)
olvi4*	0.85	1.0	0.85	0.6
cmyn4*	0.15	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	57.77	−9.68	7.46
LAB*LABa	57.77	−9.42	5.24
LAB*TCHa	52.5	10.79	150.91

relative CIELAB lab*
lab*lab	0.514	−0.13	0.073
lab*tch	0.525	0.15	0.419
lab*nch	0.4	0.15	0.419

relative Natural Colour (NC)
lab*lrj	0.514	−0.144	0.038
lab*tce	0.525	0.15	0.46
lab*ncE	0.4	0.15	j83g

---

relative Inform. Technology (IT)
olvi3*	0.525	0.525	0.525	(1.0)
cmyn3*	0.475	0.475	0.475	(0.0)
olvi4*	1.0	1.0	1.0	0.525
cmyn4*	0.0	0.0	0.0	0.475

standard and adapted CIELAB
LAB*LAB	58.65	−0.27	2.28
LAB*LABa	58.65	0.0	0.0
LAB*TCHa	52.5	0.0	−

relative CIELAB lab*
lab*lab	0.525	0.0	0.0
lab*tch	0.525	0.0	−
lab*nch	0.475	0.0	−

relative Natural Colour (NC)
lab*lrj	0.525	0.0	0.0
lab*tce	0.525	0.0	−
lab*ncE	0.475	0.0	−

---

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.51	(1.0)
cmyn3*	0.4	0.49	0.49	(0.0)
olvi4*	1.0	0.85	0.85	0.6
cmyn4*	0.0	0.15	0.15	0.4

standard and adapted CIELAB
LAB*LAB	57.33	9.55	9.76
LAB*LABa	57.33	9.81	7.58
LAB*TCHa	52.5	12.39	37.69

relative CIELAB lab*
lab*lab	0.508	0.119	0.092
lab*tch	0.525	0.15	0.105
lab*nch	0.4	0.15	0.105

relative Natural Colour (NC)
lab*lrj	0.508	0.144	0.042
lab*tce	0.525	0.15	0.046
lab*ncE	0.4	0.15	r18j

---

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.6	(1.0)
cmyn3*	0.49	0.4	0.4	(0.0)
olvi4*	0.85	1.0	1.0	0.6
cmyn4*	0.15	0.0	0.0	0.4

standard and adapted CIELAB
LAB*LAB	58.93	−4.83	−4.45
LAB*LABa	58.93	−4.54	−6.74
LAB*TCHa	52.5	8.14	236.02

relative CIELAB lab*
lab*lab	0.529	−0.083	−0.123
lab*tch	0.525	0.15	0.656
lab*nch	0.4	0.15	0.656

relative Natural Colour (NC)
lab*lrj	0.529	−0.073	−0.13
lab*tce	0.525	0.15	0.668
lab*ncE	0.4	0.15	g67b

G50J'

---

relative Inform. Technology (IT)
olvi3*	0.51	0.51	0.6	(1.0)
cmyn3*	0.49	0.49	0.4	(0.0)
olvi4*	0.85	0.85	1.0	0.6
cmyn4*	0.15	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	54.0	4.47	−4.69
LAB*LABa	54.0	4.66	−6.65
LAB*TCHa	52.5	8.13	305.0

relative CIELAB lab*
lab*lab	0.465	0.086	−0.122
lab*tch	0.525	0.15	0.847
lab*nch	0.4	0.15	0.847

relative Natural Colour (NC)
lab*lrj	0.465	0.067	−0.133
lab*tce	0.525	0.15	0.823
lab*ncE	0.4	0.15	b29r

B'

---

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.6	(1.0)
cmyn3*	0.4	0.49	0.4	(0.0)
olvi4*	1.0	0.85	1.0	0.6
cmyn4*	0.0	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	57.36	11.03	0.93
LAB*LABa	57.36	11.29	−1.24
LAB*TCHa	52.5	11.36	353.66

relative CIELAB lab*
lab*lab	0.508	0.149	−0.016
lab*tch	0.525	0.15	0.982
lab*nch	0.4	0.15	0.982

relative Natural Colour (NC)
lab*lrj	0.508	0.136	−0.063
lab*tce	0.525	0.15	0.93
lab*ncE	0.4	0.15	b72r

B50R'

Wa
Weiss

Sa 25%(M+Y)

Xa 55%(M+Y)

40%N

Fa   40%C

Ma
Rot

Schwarz Na   Qa   Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*ORS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*ORS18 setcmykcolor*
Annäherung: 4 Elementar– und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

TLS00   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nch setcolor*
*lab*nch*: 0.4, 0.15, 0.195*
*LAB*LABx: 53.68, 4.22, 11.65*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	56.16	−7.75	12.8
*LAB*LABa*	56.16	−7.75	12.8
*LAB*TCHa*	52.5	14.97	121.23
relative **CIELAB** *lab**			
*lab*lab*	0.589	−0.077	0.128
*lab*tch*	0.525	0.15	0.337
*lab*nch*	0.4	0.15	0.337
relative **Natural Colour (NC)**			
*lab*lrj*	0.589	−0.09	0.119
*lab*tce*	0.525	0.15	0.353
*lab*ncE*	0.4	0.15	j41g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	56.84	−3.1	13.61
*LAB*LABa*	56.84	−3.1	13.61
*LAB*TCHa*	52.5	13.96	102.85
relative **CIELAB** *lab**			
*lab*lab*	0.596	−0.032	0.146
*lab*tch*	0.525	0.15	0.286
*lab*nch*	0.4	0.15	0.286
relative **Natural Colour (NC)**			
*lab*lrj*	0.596	−0.034	0.146
*lab*tce*	0.525	0.15	0.288
*lab*ncE*	0.4	0.15	j15g

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	53.68	4.22	11.65
*LAB*LABa*	53.68	4.22	11.65
*LAB*TCHa*	52.5	12.39	70.1
relative **CIELAB** *lab**			
*lab*lab*	0.563	0.051	0.141
*lab*tch*	0.525	0.15	0.195
*lab*nch*	0.4	0.15	0.195
relative **Natural Colour (NC)**			
*lab*lrj*	0.563	0.075	0.13
*lab*tce*	0.525	0.15	0.167
*lab*ncE*	0.4	0.15	r66j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 53.68, 4.22, 11.65
LCH*Fa: 53.68, 12.39, 70.1

LAB*Ma: 71.58, 28.11, 77.65
LCH*Ma: 71.58, 82.58, 70.1

LAB*Sa: 89.45, 7.03, 19.41
LCH*Sa: 89.45, 20.65, 70.1

LAB*Qa: 19.53, 7.67, 21.18
LCH*Qa: 19.53, 22.52, 70.1

LAB*Xa: 82.3, 15.46, 42.71
LCH*Xa: 82.3, 45.42, 70.1

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.195
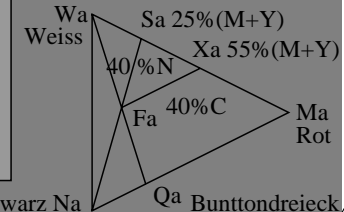ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.195
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.195
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.195
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.195
ncw*Xa: 0.0, 0.55, 0.45

G'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	55.48	−12.4	11.99
*LAB*LABa*	55.48	−12.4	11.99
*LAB*TCHa*	52.5	17.26	136.01
relative **CIELAB** *lab**			
*lab*lab*	0.581	−0.107	0.104
*lab*tch*	0.525	0.15	0.378
*lab*nch*	0.4	0.15	0.378
relative **Natural Colour (NC)**			
*lab*lrj*	0.581	−0.124	0.083
*lab*tce*	0.525	0.15	0.406
*lab*ncE*	0.4	0.15	j62g

J' (center)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475
standard and *adapted* **CIELAB**			
*LAB*LAB*	50.1	0.0	0.0
*LAB*LABa*	50.1	0.0	0.0
*LAB*TCHa*	52.5	0.0	−
relative **CIELAB** *lab**			
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.0	−
*lab*nch*	0.475	0.0	−
relative **Natural Colour (NC)**			
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	−
*lab*ncE*	0.475	0.0	−

R'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	50.51	11.54	9.68
*LAB*LABa*	50.51	11.54	9.68
*LAB*TCHa*	52.5	15.06	40.0
relative **CIELAB** *lab**			
*lab*lab*	0.529	0.115	0.096
*lab*tch*	0.525	0.15	0.111
*lab*nch*	0.4	0.15	0.111
relative **Natural Colour (NC)**			
*lab*lrj*	0.529	0.141	0.05
*lab*tce*	0.525	0.15	0.054
*lab*ncE*	0.4	0.15	r21j

G50B'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	55.97	−6.92	−2.02
*LAB*LABa*	55.97	−6.92	−2.02
*LAB*TCHa*	52.5	7.22	196.37
relative **CIELAB** *lab**			
*lab*lab*	0.587	−0.143	−0.041
*lab*tch*	0.525	0.15	0.545
*lab*nch*	0.4	0.15	0.545
relative **Natural Colour (NC)**			
*lab*lrj*	0.587	−0.131	−0.07
*lab*tce*	0.525	0.15	0.578
*lab*ncE*	0.4	0.15	g31b

B'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	47.5	11.41	−15.53
*LAB*LABa*	47.5	11.41	−15.53
*LAB*TCHa*	52.5	19.28	306.29
relative **CIELAB** *lab**			
*lab*lab*	0.498	0.089	−0.12
*lab*tch*	0.525	0.15	0.851
*lab*nch*	0.4	0.15	0.851
relative **Natural Colour (NC)**			
*lab*lrj*	0.498	0.069	−0.132
*lab*tce*	0.525	0.15	0.826
*lab*ncE*	0.4	0.15	b30r

B50R'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4
standard and *adapted* **CIELAB**			
*LAB*LAB*	51.53	14.15	−8.75
*LAB*LABa*	51.53	14.15	−8.75
*LAB*TCHa*	52.5	16.65	328.23
relative **CIELAB** *lab**			
*lab*lab*	0.54	0.128	−0.078
*lab*tch*	0.525	0.15	0.912
*lab*nch*	0.4	0.15	0.912
relative **Natural Colour (NC)**			
*lab*lrj*	0.54	0.106	−0.106
*lab*tce*	0.525	0.15	0.874
*lab*ncE*	0.4	0.15	b49r

G50J'   B'   B50R'

B50R'

Wa Weiss   Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
40%C   Fa   Ma Rot
Schwarz Na   Qa   Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*TLS00* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   **Transfer via: *cmy0*TLS00 setcmykcolor***
Annäherung: 4 Elementar– und 4 Zwischenfarben   **Ausgabe: *w* setgray***

äquivalente farbmetrische Farbkoordinaten

System:

DRSxx J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nch setcolor*
*lab*nch*: 0.4, 0.15, 0.191*
*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)
olvi3*	0.555	0.6	0.51	(1.0)
cmyn3*	0.445	0.4	0.49	(0.0)
olvi4*	0.925	1.0	0.85	0.6
cmyn4*	0.075	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	60.73	−5.79	11.92
LAB*LABa	60.73	−5.47	9.5
LAB*TCHa	52.5	10.97	119.98

relative CIELAB lab*
lab*lab	0.552	−0.074	0.13
lab*tch	0.525	0.15	0.333
lab*nch	0.4	0.15	0.333

relative Natural Colour (NC)
lab*lrj	0.552	−0.086	0.122
lab*tce	0.525	0.15	0.349
lab*ncE	0.4	0.15	j39g

J'

relative Inform. Technology (IT)
olvi3*	0.6	0.6	0.51	(1.0)
cmyn3*	0.4	0.4	0.49	(0.0)
olvi4*	1.0	1.0	0.85	0.6
cmyn4*	0.0	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	63.69	−1.91	16.38
LAB*LABa	63.69	−1.53	13.76
LAB*TCHa	52.5	13.85	96.38

relative CIELAB lab*
lab*lab	0.59	−0.016	0.149
lab*tch	0.525	0.15	0.268
lab*nch	0.4	0.15	0.268

relative Natural Colour (NC)
lab*lrj	0.59	−0.013	0.149
lab*tce	0.525	0.15	0.265
lab*ncE	0.4	0.15	j05g

R50J'

relative Inform. Technology (IT)
olvi3*	0.6	0.555	0.51	(1.0)
cmyn3*	0.4	0.445	0.49	(0.0)
olvi4*	1.0	0.925	0.85	0.6
cmyn4*	0.0	0.075	0.15	0.4

standard and adapted CIELAB
LAB*LAB	60.51	3.82	13.08
LAB*LABa	60.51	4.13	10.67
LAB*TCHa	52.5	11.44	68.82

relative CIELAB lab*
lab*lab	0.549	0.054	0.14
lab*tch	0.525	0.15	0.191
lab*nch	0.4	0.15	0.191

relative Natural Colour (NC)
lab*lrj	0.549	0.079	0.128
lab*tce	0.525	0.15	0.162
lab*ncE	0.4	0.15	r64j

G'

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.51	(1.0)
cmyn3*	0.49	0.4	0.49	(0.0)
olvi4*	0.85	1.0	0.85	0.6
cmyn4*	0.15	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	57.77	−9.68	7.46
LAB*LABa	57.77	−9.41	5.24
LAB*TCHa	52.5	10.78	150.91

relative CIELAB lab*
lab*lab	0.514	−0.13	0.073
lab*tch	0.525	0.15	0.419
lab*nch	0.4	0.15	0.419

relative Natural Colour (NC)
lab*lrj	0.514	−0.144	0.038
lab*tce	0.525	0.15	0.46
lab*ncE	0.4	0.15	j83g

(center middle) J'

relative Inform. Technology (IT)
olvi3*	0.525	0.525	0.525	(1.0)
cmyn3*	0.475	0.475	0.475	(0.0)
olvi4*	1.0	1.0	1.0	0.525
cmyn4*	0.0	0.0	0.0	0.475

standard and adapted CIELAB
LAB*LAB	58.65	−0.27	2.28
LAB*LABa	58.65	0.0	0.0
LAB*TCHa	52.5	0.0	−

relative CIELAB lab*
lab*lab	0.525	0.0	0.0
lab*tch	0.525	0.0	−
lab*nch	0.475	0.0	−

relative Natural Colour (NC)
lab*lrj	0.525	0.0	0.0
lab*tce	0.525	0.0	−
lab*ncE	0.475	0.0	−

R'

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.51	(1.0)
cmyn3*	0.4	0.49	0.49	(0.0)
olvi4*	1.0	0.85	0.85	0.6
cmyn4*	0.0	0.15	0.15	0.4

standard and adapted CIELAB
LAB*LAB	57.33	9.55	9.77
LAB*LABa	57.33	9.81	7.58
LAB*TCHa	52.5	12.39	37.69

relative CIELAB lab*
lab*lab	0.508	0.119	0.092
lab*tch	0.525	0.15	0.105
lab*nch	0.4	0.15	0.105

relative Natural Colour (NC)
lab*lrj	0.508	0.144	0.042
lab*tce	0.525	0.15	0.046
lab*ncE	0.4	0.15	r18j

G50J'

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.6	(1.0)
cmyn3*	0.49	0.4	0.4	(0.0)
olvi4*	0.85	1.0	1.0	0.6
cmyn4*	0.15	0.0	0.0	0.4

standard and adapted CIELAB
LAB*LAB	58.93	−4.83	−4.44
LAB*LABa	58.93	−4.54	−6.74
LAB*TCHa	52.5	8.14	236.02

relative CIELAB lab*
lab*lab	0.529	−0.083	−0.123
lab*tch	0.525	0.15	0.656
lab*nch	0.4	0.15	0.656

relative Natural Colour (NC)
lab*lrj	0.529	−0.073	−0.13
lab*tce	0.525	0.15	0.668
lab*ncE	0.4	0.15	g67b

B'

relative Inform. Technology (IT)
olvi3*	0.51	0.51	0.6	(1.0)
cmyn3*	0.49	0.49	0.4	(0.0)
olvi4*	0.85	0.85	1.0	0.6
cmyn4*	0.15	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	54.0	4.47	−4.68
LAB*LABa	54.0	4.66	−6.65
LAB*TCHa	52.5	8.13	305.0

relative CIELAB lab*
lab*lab	0.465	0.086	−0.122
lab*tch	0.525	0.15	0.847
lab*nch	0.4	0.15	0.847

relative Natural Colour (NC)
lab*lrj	0.465	0.067	−0.133
lab*tce	0.525	0.15	0.823
lab*ncE	0.4	0.15	b29r

B50R'

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.6	(1.0)
cmyn3*	0.4	0.49	0.4	(0.0)
olvi4*	1.0	0.85	1.0	0.6
cmyn4*	0.0	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	57.36	11.03	0.94
LAB*LABa	57.36	11.29	−1.24
LAB*TCHa	52.5	11.36	353.66

relative CIELAB lab*
lab*lab	0.508	0.149	−0.016
lab*tch	0.525	0.15	0.982
lab*nch	0.4	0.15	0.982

relative Natural Colour (NC)
lab*lrj	0.508	0.136	−0.063
lab*tce	0.525	0.15	0.93
lab*ncE	0.4	0.15	b72r

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.28, 68.82
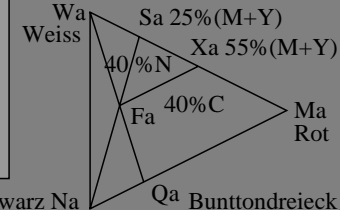
LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.8, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa Weiss — Sa 25%(M+Y) — Xa 55%(M+Y)
40%N
40%C — Fa 40%C — Ma Rot
Schwarz Na — Qa — Bunttondreieck

ME500−7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten LAB*DRSxx als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: cmy0*DRSxx setcmykcolor
Annäherung: 4 Elementar- und 4 Zwischenfarben   Ausgabe: w* setgray

äquivalente farbmetrische Farbkoordinaten

System:

TLS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nch setcolor*
*lab*nch*: 0.4, 0.15, 0.192*
*LAB*LABx: 61.05, 3.88, 10.15*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)
olvi3*	0.555	0.6	0.51	(1.0)
cmyn3*	0.445	0.4	0.49	(0.0)
olvi4*	0.925	1.0	0.85	0.6
cmyn4*	0.075	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	63.39	−7.42	11.94
LAB*LABa	63.39	−7.42	11.94
LAB*TCHa	52.5	14.07	121.9

relative CIELAB lab*
lab*lab	0.586	−0.078	0.127
lab*tch	0.525	0.15	0.339
lab*nch	0.4	0.15	0.339

relative Natural Colour (NC)
lab*lrj	0.586	−0.092	0.118
lab*tce	0.525	0.15	0.356
lab*ncE	0.4	0.15	j42g

J'

relative Inform. Technology (IT)
olvi3*	0.6	0.6	0.51	(1.0)
cmyn3*	0.4	0.4	0.49	(0.0)
olvi4*	1.0	1.0	0.85	0.6
cmyn4*	0.0	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	64.05	−3.0	12.77
LAB*LABa	64.05	−3.0	12.77
LAB*TCHa	52.5	13.12	103.25

relative CIELAB lab*
lab*lab	0.595	−0.033	0.146
lab*tch	0.525	0.15	0.287
lab*nch	0.4	0.15	0.287

relative Natural Colour (NC)
lab*lrj	0.595	−0.036	0.145
lab*tce	0.525	0.15	0.289
lab*ncE	0.4	0.15	j15g

R50J'

relative Inform. Technology (IT)
olvi3*	0.6	0.555	0.51	(1.0)
cmyn3*	0.4	0.445	0.49	(0.0)
olvi4*	1.0	0.925	0.85	0.6
cmyn4*	0.0	0.075	0.15	0.4

standard and adapted CIELAB
LAB*LAB	61.05	3.88	10.15
LAB*LABa	61.05	3.88	10.15
LAB*TCHa	52.5	10.86	69.07

relative CIELAB lab*
lab*lab	0.556	0.054	0.14
lab*tch	0.525	0.15	0.192
lab*nch	0.4	0.15	0.192

relative Natural Colour (NC)
lab*lrj	0.556	0.078	0.128
lab*tce	0.525	0.15	0.163
lab*ncE	0.4	0.15	r65j

G'

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.51	(1.0)
cmyn3*	0.49	0.4	0.49	(0.0)
olvi4*	0.85	1.0	0.85	0.6
cmyn4*	0.15	0.0	0.15	0.4

standard and adapted CIELAB
LAB*LAB	62.74	−11.85	11.12
LAB*LABa	62.74	−11.85	11.12
LAB*TCHa	52.5	16.26	136.86

relative CIELAB lab*
lab*lab	0.578	−0.108	0.103
lab*tch	0.525	0.15	0.38
lab*nch	0.4	0.15	0.38

relative Natural Colour (NC)
lab*lrj	0.578	−0.125	0.081
lab*tce	0.525	0.15	0.409
lab*ncE	0.4	0.15	j63g

relative Inform. Technology (IT)
olvi3*	0.525	0.525	0.525	(1.0)
cmyn3*	0.475	0.475	0.475	(0.0)
olvi4*	1.0	1.0	1.0	0.525
cmyn4*	0.0	0.0	0.0	0.475

standard and adapted CIELAB
LAB*LAB	58.65	0.0	0.0
LAB*LABa	58.65	0.0	0.0
LAB*TCHa	52.5	0.0	−

relative CIELAB lab*
lab*lab	0.525	0.0	0.0
lab*tch	0.525	0.0	−
lab*nch	0.475	0.0	−

relative Natural Colour (NC)
lab*lrj	0.525	0.0	0.0
lab*tce	0.525	0.0	−
lab*ncE	0.475	0.0	−

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.51	(1.0)
cmyn3*	0.4	0.49	0.49	(0.0)
olvi4*	1.0	0.85	0.85	0.6
cmyn4*	0.0	0.15	0.15	0.4

standard and adapted CIELAB
LAB*LAB	58.04	10.77	7.53
LAB*LABa	58.04	10.77	7.53
LAB*TCHa	52.5	13.14	34.95

relative CIELAB lab*
lab*lab	0.517	0.123	0.086
lab*tch	0.525	0.15	0.097
lab*nch	0.4	0.15	0.097

relative Natural Colour (NC)
lab*lrj	0.517	0.146	0.033
lab*tce	0.525	0.15	0.035
lab*ncE	0.4	0.15	r14j

G50J'

relative Inform. Technology (IT)
olvi3*	0.51	0.6	0.6	(1.0)
cmyn3*	0.49	0.4	0.4	(0.0)
olvi4*	0.85	1.0	1.0	0.6
cmyn4*	0.15	0.0	0.0	0.4

standard and adapted CIELAB
LAB*LAB	63.21	−6.66	−1.96
LAB*LABa	63.21	−6.66	−1.96
LAB*TCHa	52.5	6.95	196.46

relative CIELAB lab*
lab*lab	0.584	−0.143	−0.042
lab*tch	0.525	0.15	0.546
lab*nch	0.4	0.15	0.546

relative Natural Colour (NC)
lab*lrj	0.584	−0.131	−0.07
lab*tce	0.525	0.15	0.578
lab*ncE	0.4	0.15	g31b

B'

relative Inform. Technology (IT)
olvi3*	0.51	0.51	0.6	(1.0)
cmyn3*	0.49	0.49	0.4	(0.0)
olvi4*	0.85	0.85	1.0	0.6
cmyn4*	0.15	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	54.9	3.7	−5.62
LAB*LABa	54.9	3.7	−5.62
LAB*TCHa	52.5	6.74	303.29

relative CIELAB lab*
lab*lab	0.477	0.082	−0.124
lab*tch	0.525	0.15	0.842
lab*nch	0.4	0.15	0.842

relative Natural Colour (NC)
lab*lrj	0.477	0.063	−0.135
lab*tce	0.525	0.15	0.819
lab*ncE	0.4	0.15	b27r

B50R'

relative Inform. Technology (IT)
olvi3*	0.6	0.51	0.6	(1.0)
cmyn3*	0.4	0.49	0.4	(0.0)
olvi4*	1.0	0.85	1.0	0.6
cmyn4*	0.0	0.15	0.0	0.4

standard and adapted CIELAB
LAB*LAB	58.98	13.42	−2.91
LAB*LABa	58.98	13.42	−2.91
LAB*TCHa	52.5	13.74	347.72

relative CIELAB lab*
lab*lab	0.529	0.147	−0.031
lab*tch	0.525	0.15	0.966
lab*nch	0.4	0.15	0.966

relative Natural Colour (NC)
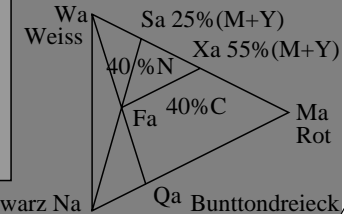|			
lab*lrj	0.529	0.13	−0.074
lab*tce	0.525	0.15	0.917
lab*ncE	0.4	0.15	b66r

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 61.05, 3.88, 10.15
LCH*Fa: 61.05, 10.86, 69.07

LAB*Ma: 72.72, 25.87, 67.65
LCH*Ma: 72.72, 72.43, 69.07

LAB*Sa: 89.74, 6.47, 16.91
LCH*Sa: 89.74, 18.11, 69.07

LAB*Qa: 32.93, 7.06, 18.45
LCH*Qa: 32.93, 19.75, 69.07

LAB*Xa: 82.93, 14.23, 37.21
LCH*Xa: 82.93, 39.84, 69.07

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.192
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.192
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.192
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.192
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.192
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
Fa 40%C
Ma Rot
Schwarz Na
Qa Bunttondreieck

ME500−7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*TLS18 setcmykcolor*
Annäherung: 4 Elementar– und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

SLS00　　　J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nch setcolor*
*lab*nch*: 0.4, 0.15, 0.167*
*LAB*LABx: 52.5, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)			
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	52.5	−6.49	11.25
*LAB*LABa*	52.5	−6.49	11.25
*LAB*TCHa*	52.5	12.99	120.0
relative CIELAB *lab**			
*lab*lab*	0.525	−0.074	0.13
*lab*tch*	0.525	0.15	0.333
*lab*nch*	0.4	0.15	0.333
relative Natural Colour (NC)			
*lab*lrj*	0.525	−0.086	0.122
*lab*tce*	0.525	0.15	0.349
*lab*ncE*	0.4	0.15	j39g

J'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	55.0	0.0	15.0
*LAB*LABa*	55.0	0.0	15.0
*LAB*TCHa*	52.5	15.0	90.0
relative CIELAB *lab**			
*lab*lab*	0.55	0.0	0.15
*lab*tch*	0.525	0.15	0.25
*lab*nch*	0.4	0.15	0.25
relative Natural Colour (NC)			
*lab*lrj*	0.55	0.008	0.15
*lab*tce*	0.525	0.15	0.241
*lab*ncE*	0.4	0.15	r96j

R50J'

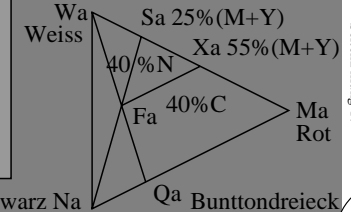| *relative* Inform. Technology (IT)			
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	52.5	6.5	11.25
*LAB*LABa*	52.5	6.5	11.25
*LAB*TCHa*	52.5	12.99	60.0
relative CIELAB *lab**			
*lab*lab*	0.525	0.075	0.13
*lab*tch*	0.525	0.15	0.167
*lab*nch*	0.4	0.15	0.167
relative Natural Colour (NC)			
*lab*lrj*	0.525	0.103	0.109
*lab*tce*	0.525	0.15	0.129
*lab*ncE*	0.4	0.15	r51j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 52.5, 6.5, 11.25
LCH*Fa: 52.5, 12.99, 60.0

LAB*Ma: 50.0, 43.3, 75.0
LCH*Ma: 50.0, 86.6, 60.0

LAB*Sa: 87.5, 10.82, 18.75
LCH*Sa: 87.5, 21.65, 60.0

LAB*Qa: 13.64, 11.81, 20.45
LCH*Qa: 13.64, 23.62, 60.0

LAB*Xa: 72.5, 23.82, 41.25
LCH*Xa: 72.5, 47.63, 60.0

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

B50R'

relative Inform. Technology (IT)			
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	50.0	−12.98	7.5
*LAB*LABa*	50.0	−12.98	7.5
*LAB*TCHa*	52.5	15.0	150.0
relative CIELAB *lab**			
*lab*lab*	0.5	−0.129	0.075
*lab*tch*	0.525	0.15	0.417
*lab*nch*	0.4	0.15	0.417
relative Natural Colour (NC)			
*lab*lrj*	0.5	−0.143	0.041
*lab*tce*	0.525	0.15	0.456
*lab*ncE*	0.4	0.15	j82g

relative Inform. Technology (IT)			
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475
standard and *adapted* CIELAB			
*LAB*LAB*	52.5	0.0	0.0
*LAB*LABa*	52.5	0.0	0.0
*LAB*TCHa*	52.5	0.0	−
relative CIELAB *lab**			
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.15	−
*lab*nch*	0.475	0.0	−
relative Natural Colour (NC)			
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	−
*lab*ncE*	0.475	0.0	−

relative Inform. Technology (IT)			
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	50.0	12.99	7.5
*LAB*LABa*	50.0	12.99	7.5
*LAB*TCHa*	52.5	15.0	30.0
relative CIELAB *lab**			
*lab*lab*	0.5	0.13	0.075
*lab*tch*	0.525	0.15	0.083
*lab*nch*	0.4	0.15	0.083
relative Natural Colour (NC)			
*lab*lrj*	0.5	0.149	0.016
*lab*tce*	0.525	0.15	0.017
*lab*ncE*	0.4	0.15	r06j

relative Inform. Technology (IT)			
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	55.0	−12.98	−7.49
*LAB*LABa*	55.0	−12.98	−7.49
*LAB*TCHa*	52.5	15.0	210.0
relative CIELAB *lab**			
*lab*lab*	0.55	−0.129	−0.074
*lab*tch*	0.525	0.15	0.583
*lab*nch*	0.4	0.15	0.583
relative Natural Colour (NC)			
*lab*lrj*	0.55	−0.115	−0.094
*lab*tce*	0.525	0.15	0.609
*lab*ncE*	0.4	0.15	g43b

relative Inform. Technology (IT)			
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	50.0	0.0	−14.99
*LAB*LABa*	50.0	0.0	−14.99
*LAB*TCHa*	52.5	15.0	270.0
relative CIELAB *lab**			
*lab*lab*	0.5	0.0	−0.149
*lab*tch*	0.525	0.15	0.75
*lab*nch*	0.4	0.15	0.75
relative Natural Colour (NC)			
*lab*lrj*	0.5	−0.003	−0.149
*lab*tce*	0.525	0.15	0.746
*lab*ncE*	0.4	0.15	g98b

relative Inform. Technology (IT)			
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	55.0	12.99	−7.49
*LAB*LABa*	55.0	12.99	−7.49
*LAB*TCHa*	52.5	15.0	330.0
relative CIELAB *lab**			
*lab*lab*	0.55	0.13	−0.074
*lab*tch*	0.525	0.15	0.917
*lab*nch*	0.4	0.15	0.917
relative Natural Colour (NC)			
*lab*lrj*	0.55	0.108	−0.103
*lab*tce*	0.525	0.15	0.878
*lab*ncE*	0.4	0.15	b51r

J50G'　J'　R50J'

G50J'　B'　B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
Fa 40%C
Ma Rot
Schwarz Na
Qa
Bunttondreieck

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)
Annäherung: 4 Elementar– und 4 Zwischenfarben

Transfer via: *cmy0*SLS00 setcmykcolor*
Ausgabe: *w* setgray*

BAM-Registrierung: 20050101-MG47/10L/L47G04FP.PS/.PDF

BAM-Material: Code=rha4ta

Anwendung für Messung von Drucker– oder Monitorsystemen

/MG47/ Form: 5/6, Serie: 3/4, Seite: 5

Seitenzählung 17

F: Ausgabe-Linearisierung (OL-Daten) MG47/10L/L47G05FP.DAT in der Datei (F)

äquivalente farbmetrische Farbkoordinaten

System:

SRS18 J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nch setcolor*
*lab*nch*: 0.4, 0.15, 0.167*
*LAB*LABx: 58.65, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51 (1.0)
*cmyn3**	0.445	0.4	0.49 (0.0)
*olvi4**	0.925	1.0	0.85 0.6
*cmyn4**	0.075	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB 58.65 −6.49 11.25
LAB*LABa 58.65 −6.49 11.25
LAB*TCHa 52.5 12.99 120.0

relative CIELAB *lab**
lab*lab 0.525 −0.074 0.13
lab*tch 0.525 0.15 0.333
lab*nch 0.4 0.15 0.333

relative **Natural Colour (NC)**
lab*lrj 0.525 −0.086 0.122
lab*tce 0.525 0.15 0.349
lab*ncE 0.4 0.15 j39g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51 (1.0)
*cmyn3**	0.4	0.4	0.49 (0.0)
*olvi4**	1.0	1.0	0.85 0.6
*cmyn4**	0.0	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB 60.58 0.0 15.0
LAB*LABa 60.58 0.0 15.0
LAB*TCHa 52.5 15.0 90.0

relative CIELAB *lab**
lab*lab 0.55 0.0 0.15
lab*tch 0.525 0.15 0.25
lab*nch 0.4 0.15 0.25

relative **Natural Colour (NC)**
lab*lrj 0.55 0.008 0.15
lab*tce 0.525 0.15 0.241
lab*ncE 0.4 0.15 r96j

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51 (1.0)
*cmyn3**	0.4	0.445	0.49 (0.0)
*olvi4**	1.0	0.925	0.85 0.6
*cmyn4**	0.0	0.075	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB 58.65 6.5 11.25
LAB*LABa 58.65 6.5 11.25
LAB*TCHa 52.5 12.99 60.0

relative CIELAB *lab**
lab*lab 0.525 0.075 0.13
lab*tch 0.525 0.15 0.167
lab*nch 0.4 0.15 0.167

relative **Natural Colour (NC)**
lab*lrj 0.525 0.103 0.109
lab*tce 0.525 0.15 0.129
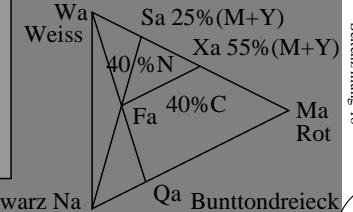lab*ncE 0.4 0.15 r51j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 58.65, 6.5, 11.25
LCH*Fa: 58.65, 12.99, 60.0

LAB*Ma: 56.71, 43.3, 75.0
LCH*Ma: 56.71, 86.6, 60.0

LAB*Sa: 85.74, 10.82, 18.75
LCH*Sa: 85.74, 21.65, 60.0

LAB*Qa: 28.56, 11.81, 20.45
LCH*Qa: 28.56, 23.62, 60.0

LAB*Xa: 74.12, 23.82, 41.25
LCH*Xa: 74.12, 47.63, 60.0

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

B50R'

(middle left)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51 (1.0)
*cmyn3**	0.49	0.4	0.49 (0.0)
*olvi4**	0.85	1.0	0.85 0.6
*cmyn4**	0.15	0.0	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB 56.71 −12.98 7.5
LAB*LABa 56.71 −12.98 7.5
LAB*TCHa 52.5 15.0 150.0

relative CIELAB *lab**
lab*lab 0.5 −0.129 0.075
lab*tch 0.525 0.15 0.417
lab*nch 0.4 0.15 0.417

relative **Natural Colour (NC)**
lab*lrj 0.5 −0.143 0.041
lab*tce 0.525 0.15 0.456
lab*ncE 0.4 0.15 j82g

(middle center)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525 (1.0)
*cmyn3**	0.475	0.475	0.475 (0.0)
*olvi4**	1.0	1.0	1.0 0.525
*cmyn4**	0.0	0.0	0.0 0.475

standard and *adapted* **CIELAB**
LAB*LAB 58.65 0.0 0.0
LAB*LABa 58.65 0.0 0.0
LAB*TCHa 52.5 0.0 −

relative CIELAB *lab**
lab*lab 0.525 0.0 0.0
lab*tch 0.525 0.15 −
lab*nch 0.475 0.0 −

relative **Natural Colour (NC)**
lab*lrj 0.525 0.0 0.0
lab*tce 0.525 0.0 −
lab*ncE 0.475 0.0 −

(middle right)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51 (1.0)
*cmyn3**	0.4	0.49	0.49 (0.0)
*olvi4**	1.0	0.85	0.85 0.6
*cmyn4**	0.0	0.15	0.15 0.4

standard and *adapted* **CIELAB**
LAB*LAB 56.71 12.99 7.5
LAB*LABa 56.71 12.99 7.5
LAB*TCHa 52.5 15.0 30.0

relative CIELAB *lab**
lab*lab 0.5 0.13 0.075
lab*tch 0.525 0.15 0.083
lab*nch 0.4 0.15 0.083

relative **Natural Colour (NC)**
lab*lrj 0.5 0.149 0.016
lab*tce 0.525 0.15 0.017
lab*ncE 0.4 0.15 r06j

G50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6 (1.0)
*cmyn3**	0.49	0.4	0.4 (0.0)
*olvi4**	0.85	1.0	1.0 0.6
*cmyn4**	0.15	0.0	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB 60.58 −12.98 −7.49
LAB*LABa 60.58 −12.98 −7.49
LAB*TCHa 52.5 15.0 210.0

relative CIELAB *lab**
lab*lab 0.55 −0.129 −0.074
lab*tch 0.525 0.15 0.583
lab*nch 0.4 0.15 0.583

relative **Natural Colour (NC)**
lab*lrj 0.55 −0.115 −0.094
lab*tce 0.525 0.15 0.609
lab*ncE 0.4 0.15 g43b

B'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6 (1.0)
*cmyn3**	0.49	0.49	0.4 (0.0)
*olvi4**	0.85	0.85	1.0 0.6
*cmyn4**	0.15	0.15	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB 56.71 0.0 −14.99
LAB*LABa 56.71 0.0 −14.99
LAB*TCHa 52.5 15.0 270.0

relative CIELAB *lab**
lab*lab 0.5 0.0 −0.149
lab*tch 0.525 0.15 0.75
lab*nch 0.4 0.15 0.75

relative **Natural Colour (NC)**
lab*lrj 0.5 −0.003 −0.149
lab*tce 0.525 0.15 0.746
lab*ncE 0.4 0.15 g98b

B50R'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6 (1.0)
*cmyn3**	0.4	0.49	0.4 (0.0)
*olvi4**	1.0	0.85	1.0 0.6
*cmyn4**	0.0	0.15	0.0 0.4

standard and *adapted* **CIELAB**
LAB*LAB 60.58 12.99 −7.49
LAB*LABa 60.58 12.99 −7.49
LAB*TCHa 52.5 15.0 330.0

relative CIELAB *lab**
lab*lab 0.55 0.13 −0.074
lab*tch 0.525 0.15 0.917
lab*nch 0.4 0.15 0.917

relative **Natural Colour (NC)**
lab*lrj 0.55 0.108 −0.103
lab*tce 0.525 0.15 0.878
lab*ncE 0.4 0.15 b51r

Wa Weiss Sa 25%(M+Y) Xa 55%(M+Y)
40%N 40%C
Fa Ma Rot
Schwarz Na Qa Bunttondreieck

ME500−7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*SRS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen

Prüfvorlage MG47: Elementarfarben RJGB' (Strich) Transfer via: *cmy0*SRS18 setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

ORS18　　　J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nce setcolor*
*lab*nce: 0.4, 0.15, 0.162*
*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**
olvi3　0.555　0.6　0.51　(1.0)
cmyn3　0.445　0.4　0.49　(0.0)
olvi4　0.925　1.0　0.85　0.6
cmyn4　0.075　0.0　0.15　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　60.73　−5.8　11.92
*LAB*LABa*　60.73　−5.47　9.5
*LAB*TCHa*　52.5　10.97　119.98
relative **CIELAB** *lab**
*lab*lab*　0.552　−0.074 0.13
*lab*tch*　0.525　0.15　0.333
*lab*nch*　0.4　0.15　0.333
relative **Natural Colour (NC)**
*lab*lrj*　0.552　−0.086 0.122
*lab*tce*　0.525　0.15　0.349
*lab*ncE*　0.4　0.15　j39g

J'

relative **Inform. Technology (IT)**
olvi3　0.6　0.6　0.51　(1.0)
cmyn3　0.4　0.4　0.49　(0.0)
olvi4　1.0　1.0　0.85　0.6
cmyn4　0.0　0.0　0.15　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　63.69　−1.91　16.38
*LAB*LABa*　63.69　−1.53　13.76
*LAB*TCHa*　52.5　13.85　96.38
relative **CIELAB** *lab**
*lab*lab*　0.59　−0.016 0.149
*lab*tch*　0.525　0.15　0.268
*lab*nch*　0.4　0.15　0.268
relative **Natural Colour (NC)**
*lab*lrj*　0.59　−0.013 0.149
*lab*tce*　0.525　0.15　0.265
*lab*ncE*　0.4　0.15　j05g

R50J'

relative **Inform. Technology (IT)**
olvi3　0.6　0.555　0.51　(1.0)
cmyn3　0.4　0.445　0.49　(0.0)
olvi4　1.0　0.925　0.85　0.6
cmyn4　0.0　0.075　0.15　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　60.51　3.82　13.07
*LAB*LABa*　60.51　4.13　10.67
*LAB*TCHa*　52.5　11.44　68.82
relative **CIELAB** *lab**
*lab*lab*　0.549　0.054　0.14
*lab*tch*　0.525　0.15　0.191
*lab*nch*　0.4　0.15　0.191
relative **Natural Colour (NC)**
*lab*lrj*　0.549　0.079　0.128
*lab*tce*　0.525　0.15　0.162
*lab*ncE*　0.4　0.15　r64j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.29, 68.82

LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.81, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
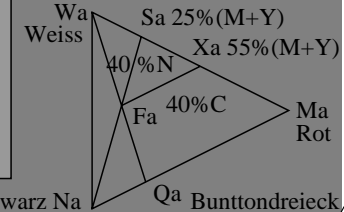olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

(Bunttondreieck: Wa Weiss, Sa 25%(M+Y), Xa 55%(M+Y), 40%N, 40%C, Fa, Ma Rot, Schwarz Na, Qa, Bunttondreieck)

(mitte links) G'

relative **Inform. Technology (IT)**
olvi3　0.51　0.6　0.51　(1.0)
cmyn3　0.49　0.4　0.49　(0.0)
olvi4　0.85　1.0　0.85　0.6
cmyn4　0.15　0.0　0.15　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　57.77　−9.68　7.46
*LAB*LABa*　57.77　−9.42　5.24
*LAB*TCHa*　52.5　10.79　150.91
relative **CIELAB** *lab**
*lab*lab*　0.514　−0.13　0.073
*lab*tch*　0.525　0.15　0.419
*lab*nch*　0.4　0.15　0.419
relative **Natural Colour (NC)**
*lab*lrj*　0.514　−0.144 0.038
*lab*tce*　0.525　0.15　0.46
*lab*ncE*　0.4　0.15　j83g

(mitte)

relative **Inform. Technology (IT)**
olvi3　0.525　0.525　0.525　(1.0)
cmyn3　0.475　0.475　0.475　(0.0)
olvi4　1.0　1.0　1.0　0.525
cmyn4　0.0　0.0　0.0　0.475
standard and *adapted* **CIELAB**
*LAB*LAB*　58.65　−0.27　2.28
*LAB*LABa*　58.65　0.0　0.0
*LAB*TCHa*　52.5　0.0　−
relative **CIELAB** *lab**
*lab*lab*　0.525　0.0　0.0
*lab*tch*　0.525　0.0　−
*lab*nch*　0.475　0.0　−
relative **Natural Colour (NC)**
*lab*lrj*　0.525　0.0　0.0
*lab*tce*　0.525　0.0　−
*lab*ncE*　0.475　0.0　−

(mitte rechts)

relative **Inform. Technology (IT)**
olvi3　0.6　0.51　0.51　(1.0)
cmyn3　0.4　0.49　0.49　(0.0)
olvi4　1.0　0.85　0.85　0.6
cmyn4　0.0　0.15　0.15　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　57.33　9.55　9.76
*LAB*LABa*　57.33　9.81　7.58
*LAB*TCHa*　52.5　12.39　37.69
relative **CIELAB** *lab**
*lab*lab*　0.508　0.119　0.092
*lab*tch*　0.525　0.15　0.105
*lab*nch*　0.4　0.15　0.105
relative **Natural Colour (NC)**
*lab*lrj*　0.508　0.144　0.042
*lab*tce*　0.525　0.15　0.046
*lab*ncE*　0.4　0.15　r18j

G50J'

relative **Inform. Technology (IT)**
olvi3　0.51　0.6　0.6　(1.0)
cmyn3　0.49　0.4　0.4　(0.0)
olvi4　0.85　1.0　1.0　0.6
cmyn4　0.15　0.0　0.0　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　58.93　−4.83　−4.45
*LAB*LABa*　58.93　−4.54　−6.74
*LAB*TCHa*　52.5　8.14　236.02
relative **CIELAB** *lab**
*lab*lab*　0.529　−0.083 −0.123
*lab*tch*　0.525　0.15　0.656
*lab*nch*　0.4　0.15　0.656
relative **Natural Colour (NC)**
*lab*lrj*　0.529　−0.073 −0.13
*lab*tce*　0.525　0.15　0.668
*lab*ncE*　0.4　0.15　g67b

B'

relative **Inform. Technology (IT)**
olvi3　0.51　0.51　0.6　(1.0)
cmyn3　0.49　0.49　0.4　(0.0)
olvi4　0.85　0.85　1.0　0.6
cmyn4　0.15　0.15　0.0　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　54.0　4.47　−4.69
*LAB*LABa*　54.0　4.66　−6.65
*LAB*TCHa*　52.5　8.13　305.0
relative **CIELAB** *lab**
*lab*lab*　0.465　0.086　−0.122
*lab*tch*　0.525　0.15　0.847
*lab*nch*　0.4　0.15　0.847
relative **Natural Colour (NC)**
*lab*lrj*　0.465　0.067　−0.133
*lab*tce*　0.525　0.15　0.823
*lab*ncE*　0.4　0.15　b29r

B50R'

relative **Inform. Technology (IT)**
olvi3　0.6　0.51　0.6　(1.0)
cmyn3　0.4　0.49　0.4　(0.0)
olvi4　1.0　0.85　1.0　0.6
cmyn4　0.0　0.15　0.0　0.4
standard and *adapted* **CIELAB**
*LAB*LAB*　57.36　11.03　0.93
*LAB*LABa*　57.36　11.29　−1.24
*LAB*TCHa*　52.5　11.36　353.66
relative **CIELAB** *lab**
*lab*lab*　0.508　0.149　−0.016
*lab*tch*　0.525　0.15　0.982
*lab*nch*　0.4　0.15　0.982
relative **Natural Colour (NC)**
*lab*lrj*　0.508　0.136　−0.063
*lab*tce*　0.525　0.15　0.93
*lab*ncE*　0.4　0.15　b72r

Siehe ähnliche Dateien: http://www.ps.bam.de/MG47/
Technische Information: http://www.ps.bam.de　Version 3.0, io=1,7; iORS; oORS, CIELAB

ME500−7,　Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*ORS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)　Transfer via: *cmy0*ORS18 setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben　Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

TLS00 J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nce setcolor*

*lab*nce: 0.4, 0.15, 0.167*

*LAB*LABx: 53.68, 4.22, 11.65*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)			
*olvi3**	0.555	0.6	0.51	(1.0)
*cmyn3**	0.445	0.4	0.49	(0.0)
*olvi4**	0.925	1.0	0.85	0.6
*cmyn4**	0.075	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   56.16 −7.75 12.8
LAB*LABa 56.16 −7.75 12.8
LAB*TCHa 52.5   14.97 121.23
relative CIELAB *lab**
lab*lab   0.589 −0.077 0.128
lab*tch   0.525 0.15   0.337
lab*nch   0.4   0.15   0.337
relative Natural Colour (NC)
lab*lrj   0.589 −0.09   0.119
lab*tce   0.525 0.15   0.353
lab*ncE   0.4   0.15   j41g

J'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.6	0.51	(1.0)
*cmyn3**	0.4	0.4	0.49	(0.0)
*olvi4**	1.0	1.0	0.85	0.6
*cmyn4**	0.0	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   56.84 −3.1 13.61
LAB*LABa 56.84 −3.1 13.61
LAB*TCHa 52.5   13.96 102.85
relative CIELAB *lab**
lab*lab   0.596 −0.032 0.146
lab*tch   0.525 0.15   0.286
lab*nch   0.4   0.15   0.286
relative Natural Colour (NC)
lab*lrj   0.596 −0.034 0.146
lab*tce   0.525 0.15   0.288
lab*ncE   0.4   0.15   j15g

R50J'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.555	0.51	(1.0)
*cmyn3**	0.4	0.445	0.49	(0.0)
*olvi4**	1.0	0.925	0.85	0.6
*cmyn4**	0.0	0.075	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   53.68 4.22 11.65
LAB*LABa 53.68 4.22 11.65
LAB*TCHa 52.5   12.39 70.1
relative CIELAB *lab**
lab*lab   0.563 0.051 0.141
lab*tch   0.525 0.15   0.195
lab*nch   0.4   0.15   0.195
relative Natural Colour (NC)
lab*lrj   0.563 0.075 0.13
lab*tce   0.525 0.15   0.167
lab*ncE   0.4   0.15   r66j

(middle-left)

relative Inform. Technology (IT)			
*olvi3**	0.51	0.6	0.51	(1.0)
*cmyn3**	0.49	0.4	0.49	(0.0)
*olvi4**	0.85	1.0	0.85	0.6
*cmyn4**	0.15	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   55.48 −12.4 11.99
LAB*LABa 55.48 −12.4 11.99
LAB*TCHa 52.5   17.26 136.01
relative CIELAB *lab**
lab*lab   0.581 −0.107 0.104
lab*tch   0.525 0.15   0.378
lab*nch   0.4   0.15   0.378
relative Natural Colour (NC)
lab*lrj   0.581 −0.124 0.083
lab*tce   0.525 0.15   0.406
lab*ncE   0.4   0.15   j62g

(middle-center)

relative Inform. Technology (IT)			
*olvi3**	0.525	0.525	0.525	(1.0)
*cmyn3**	0.475	0.475	0.475	(0.0)
*olvi4**	1.0	1.0	1.0	0.525
*cmyn4**	0.0	0.0	0.0	0.475

standard and *adapted* CIELAB
LAB*LAB   50.1 0.0 0.0
LAB*LABa 50.1 0.0 0.0
LAB*TCHa 52.5 0.0 −
relative CIELAB *lab**
lab*lab   0.525 0.0 0.0
lab*tch   0.525 0.0 −
lab*nch   0.475 0.0 −
relative Natural Colour (NC)
lab*lrj   0.525 0.0 0.0
lab*tce   0.525 0.0 −
lab*ncE   0.475 0.0 −

R'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.51	0.51	(1.0)
*cmyn3**	0.4	0.49	0.49	(0.0)
*olvi4**	1.0	0.85	0.85	0.6
*cmyn4**	0.0	0.15	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   50.51 11.54 9.68
LAB*LABa 50.51 11.54 9.68
LAB*TCHa 52.5   15.06 40.0
relative CIELAB *lab**
lab*lab   0.529 0.115 0.096
lab*tch   0.525 0.15   0.111
lab*nch   0.4   0.15   0.111
relative Natural Colour (NC)
lab*lrj   0.529 0.141 0.05
lab*tce   0.525 0.15   0.054
lab*ncE   0.4   0.15   r21j

G50J'

relative Inform. Technology (IT)			
*olvi3**	0.51	0.6	0.6	(1.0)
*cmyn3**	0.49	0.4	0.4	(0.0)
*olvi4**	0.85	1.0	1.0	0.6
*cmyn4**	0.15	0.0	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   55.97 −6.92 −2.02
LAB*LABa 55.97 −6.92 −2.02
LAB*TCHa 52.5   7.22   196.37
relative CIELAB *lab**
lab*lab   0.587 −0.143 −0.041
lab*tch   0.525 0.15   0.545
lab*nch   0.4   0.15   0.545
relative Natural Colour (NC)
lab*lrj   0.587 −0.131 −0.07
lab*tce   0.525 0.15   0.578
lab*ncE   0.4   0.15   g31b

B'

relative Inform. Technology (IT)			
*olvi3**	0.51	0.51	0.6	(1.0)
*cmyn3**	0.49	0.49	0.4	(0.0)
*olvi4**	0.85	0.85	1.0	0.6
*cmyn4**	0.15	0.15	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   47.5 11.41 −15.53
LAB*LABa 47.5 11.41 −15.53
LAB*TCHa 52.5 19.28 306.29
relative CIELAB *lab**
lab*lab   0.498 0.089 −0.12
lab*tch   0.525 0.15   0.851
lab*nch   0.4   0.15   0.851
relative Natural Colour (NC)
lab*lrj   0.498 0.069 −0.132
lab*tce   0.525 0.15   0.826
lab*ncE   0.4   0.15   b30r

B50R'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.51	0.6	(1.0)
*cmyn3**	0.4	0.49	0.4	(0.0)
*olvi4**	1.0	0.85	1.0	0.6
*cmyn4**	0.0	0.15	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   51.53 14.15 −8.75
LAB*LABa 51.53 14.15 −8.75
LAB*TCHa 52.5   16.65 328.23
relative CIELAB *lab**
lab*lab   0.54 0.128 −0.078
lab*tch   0.525 0.15   0.912
lab*nch   0.4   0.15   0.912
relative Natural Colour (NC)
lab*lrj   0.54 0.106 −0.106
lab*tce   0.525 0.15   0.874
lab*ncE   0.4   0.15   b49r

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 53.68, 4.22, 11.65
LCH*Fa: 53.68, 12.39, 70.1

LAB*Ma: 71.58, 28.11, 77.65
LCH*Ma: 71.58, 82.58, 70.1

LAB*Sa: 89.45, 7.03, 19.41
LCH*Sa: 89.45, 20.65, 70.1

LAB*Qa: 19.53, 7.67, 21.18
LCH*Qa: 19.53, 22.52, 70.1

LAB*Xa: 82.3, 15.46, 42.71
LCH*Xa: 82.3, 45.42, 70.1

R'

olvi3*Fa: 0.6, 0.525, 0.45
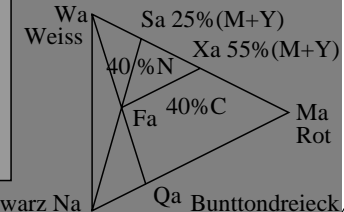tch*Fa: 0.525, 0.15, 0.195
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.195
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.195
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.195
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.195
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa Weiss

Sa 25%(M+Y)

Xa 55%(M+Y)

40%N

Fa 40%C

Ma Rot

Schwarz Na   Qa   Bunttondreieck

ME500−7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*TLS00* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*TLS00 setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben   Ausgabe: *w* setgray*

F: Ausgabe-Linearisierung (OL-Daten) MG47/10L/L47G02FP.DAT in der Datei (F)

äquivalente farbmetrische Farbkoordinaten

System:

DRSxx   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nce setcolor*
*lab*nce: 0.4, 0.15, 0.162*
*LAB*LABx: 60.51, 4.13, 10.67*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)
*olvi3**	0.555	0.6	0.51	(1.0)
*cmyn3**	0.445	0.4	0.49	(0.0)
*olvi4**	0.925	1.0	0.85	0.6
*cmyn4**	0.075	0.0	0.15	0.4

standard and adapted CIELAB
*LAB*LAB*	60.73	−5.79	11.92
*LAB*LABa*	60.73	−5.47	9.5
*LAB*TCHa*	52.5	10.97	119.98

relative CIELAB lab*
*lab*lab*	0.552	−0.074	0.13
*lab*tch*	0.525	0.15	0.333
*lab*nch*	0.4	0.15	0.333

relative Natural Colour (NC)
*lab*lrj*	0.552	−0.086	0.122
*lab*tce*	0.525	0.15	0.349
*lab*ncE*	0.4	0.15	j39g

J'

relative Inform. Technology (IT)
*olvi3**	0.6	0.6	0.51	(1.0)
*cmyn3**	0.4	0.4	0.49	(0.0)
*olvi4**	1.0	1.0	0.85	0.6
*cmyn4**	0.0	0.0	0.15	0.4

standard and adapted CIELAB
*LAB*LAB*	63.69	−1.91	16.38
*LAB*LABa*	63.69	−1.53	13.76
*LAB*TCHa*	52.5	13.85	96.38

relative CIELAB lab*
*lab*lab*	0.59	−0.016	0.149
*lab*tch*	0.525	0.15	0.268
*lab*nch*	0.4	0.15	0.268

relative Natural Colour (NC)
*lab*lrj*	0.59	−0.013	0.149
*lab*tce*	0.525	0.15	0.265
*lab*ncE*	0.4	0.15	j05g

R50J'

relative Inform. Technology (IT)
*olvi3**	0.6	0.555	0.51	(1.0)
*cmyn3**	0.4	0.445	0.49	(0.0)
*olvi4**	1.0	0.925	0.85	0.6
*cmyn4**	0.0	0.075	0.15	0.4

standard and adapted CIELAB
*LAB*LAB*	60.51	3.82	13.08
*LAB*LABa*	60.51	4.13	10.67
*LAB*TCHa*	52.5	11.44	68.82

relative CIELAB lab*
*lab*lab*	0.549	0.054	0.14
*lab*tch*	0.525	0.15	0.191
*lab*nch*	0.4	0.15	0.191

relative Natural Colour (NC)
*lab*lrj*	0.549	0.079	0.128
*lab*tce*	0.525	0.15	0.162
*lab*ncE*	0.4	0.15	r64j

(middle left)

relative Inform. Technology (IT)
*olvi3**	0.51	0.6	0.51	(1.0)
*cmyn3**	0.49	0.4	0.49	(0.0)
*olvi4**	0.85	1.0	0.85	0.6
*cmyn4**	0.15	0.0	0.15	0.4

standard and adapted CIELAB
*LAB*LAB*	57.77	−9.68	7.46
*LAB*LABa*	57.77	−9.41	5.24
*LAB*TCHa*	52.5	10.78	150.91

relative CIELAB lab*
*lab*lab*	0.514	−0.13	0.073
*lab*tch*	0.525	0.15	0.419
*lab*nch*	0.4	0.15	0.419

relative Natural Colour (NC)
*lab*lrj*	0.514	−0.144	0.038
*lab*tce*	0.525	0.15	0.46
*lab*ncE*	0.4	0.15	j83g

(middle center)

relative Inform. Technology (IT)
*olvi3**	0.525	0.525	0.525	(1.0)
*cmyn3**	0.475	0.475	0.475	(0.0)
*olvi4**	1.0	1.0	1.0	0.525
*cmyn4**	0.0	0.0	0.0	0.475

standard and adapted CIELAB
*LAB*LAB*	58.65	−0.27	2.28
*LAB*LABa*	58.65	0.0	0.0
*LAB*TCHa*	52.5	0.0	–

relative CIELAB lab*
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.0	–
*lab*nch*	0.475	0.0	–

relative Natural Colour (NC)
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	–
*lab*ncE*	0.475	0.0	–

(middle right)

relative Inform. Technology (IT)
*olvi3**	0.6	0.51	0.51	(1.0)
*cmyn3**	0.4	0.49	0.49	(0.0)
*olvi4**	1.0	0.85	0.85	0.6
*cmyn4**	0.0	0.15	0.15	0.4

standard and adapted CIELAB
*LAB*LAB*	57.33	9.55	9.77
*LAB*LABa*	57.33	9.81	7.58
*LAB*TCHa*	52.5	12.39	37.69

relative CIELAB lab*
*lab*lab*	0.508	0.119	0.092
*lab*tch*	0.525	0.15	0.105
*lab*nch*	0.4	0.15	0.105

relative Natural Colour (NC)
*lab*lrj*	0.508	0.144	0.042
*lab*tce*	0.525	0.15	0.046
*lab*ncE*	0.4	0.15	r18j

G50J'

relative Inform. Technology (IT)
*olvi3**	0.51	0.6	0.6	(1.0)
*cmyn3**	0.49	0.4	0.4	(0.0)
*olvi4**	0.85	1.0	1.0	0.6
*cmyn4**	0.15	0.0	0.0	0.4

standard and adapted CIELAB
*LAB*LAB*	58.93	−4.83	−4.44
*LAB*LABa*	58.93	−4.54	−6.74
*LAB*TCHa*	52.5	8.14	236.02

relative CIELAB lab*
*lab*lab*	0.529	−0.083	−0.123
*lab*tch*	0.525	0.15	0.656
*lab*nch*	0.4	0.15	0.656

relative Natural Colour (NC)
*lab*lrj*	0.529	−0.073	−0.13
*lab*tce*	0.525	0.15	0.668
*lab*ncE*	0.4	0.15	g67b

B'

relative Inform. Technology (IT)
*olvi3**	0.51	0.51	0.6	(1.0)
*cmyn3**	0.49	0.49	0.4	(0.0)
*olvi4**	0.85	0.85	1.0	0.6
*cmyn4**	0.15	0.15	0.0	0.4

standard and adapted CIELAB
*LAB*LAB*	54.0	4.47	−4.68
*LAB*LABa*	54.0	4.66	−6.65
*LAB*TCHa*	52.5	8.13	305.0

relative CIELAB lab*
*lab*lab*	0.465	0.086	−0.122
*lab*tch*	0.525	0.15	0.847
*lab*nch*	0.4	0.15	0.847

relative Natural Colour (NC)
*lab*lrj*	0.465	0.067	−0.133
*lab*tce*	0.525	0.15	0.823
*lab*ncE*	0.4	0.15	b29r

B50R'

relative Inform. Technology (IT)
*olvi3**	0.6	0.51	0.6	(1.0)
*cmyn3**	0.4	0.49	0.4	(0.0)
*olvi4**	1.0	0.85	1.0	0.6
*cmyn4**	0.0	0.15	0.0	0.4

standard and adapted CIELAB
*LAB*LAB*	57.36	11.03	0.94
*LAB*LABa*	57.36	11.29	−1.24
*LAB*TCHa*	52.5	11.36	353.66

relative CIELAB lab*
*lab*lab*	0.508	0.149	−0.016
*lab*tch*	0.525	0.15	0.982
*lab*nch*	0.4	0.15	0.982

relative Natural Colour (NC)
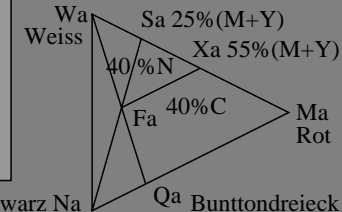|			
*lab*lrj*	0.508	0.136	−0.063
*lab*tce*	0.525	0.15	0.93
*lab*ncE*	0.4	0.15	b72r

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 60.51, 4.13, 10.67
LCH*Fa: 60.51, 11.44, 68.82

LAB*Ma: 69.15, 27.56, 71.13
LCH*Ma: 69.15, 76.28, 68.82

LAB*Sa: 88.85, 6.89, 17.78
LCH*Sa: 88.85, 19.07, 68.82

LAB*Qa: 31.96, 7.52, 19.4
LCH*Qa: 31.96, 20.8, 68.82

LAB*Xa: 80.97, 15.16, 39.12
LCH*Xa: 80.97, 41.96, 68.82

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.191
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.191
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.191
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.191
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.191
ncw*Xa: 0.0, 0.55, 0.45

B50R'

Wa
Weiss   Sa 25%(M+Y)
            Xa 55%(M+Y)
40%N
        40%C
Fa   Ma
              Rot
Schwarz Na   Qa Bunttondreieck

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)
Annäherung: 4 Elementar− und 4 Zwischenfarben

Transfer via: *cmy0*DRSxx setcmykcolor*
Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

TLS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nce setcolor*
*lab*nce: 0.4, 0.15, 0.163*
*LAB*LABx: 61.05, 3.88, 10.15*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
olvi3	0.555	0.6	0.51 (1.0)
cmyn3	0.445	0.4	0.49 (0.0)
olvi4	0.925	1.0	0.85 0.6
cmyn4	0.075	0.0	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	63.39	−7.42	11.94
*LAB*LABa*	63.39	−7.42	11.94
*LAB*TCHa*	52.5	14.07	121.9
relative CIELAB *lab**			
*lab*lab*	0.586	−0.078	0.127
*lab*tch*	0.525	0.15	0.339
*lab*nch*	0.4	0.15	0.339
relative Natural Colour (NC)			
*lab*lrj*	0.586	−0.092	0.118
*lab*tce*	0.525	0.15	0.356
*lab*ncE*	0.4	0.15	j42g

J'

relative **Inform. Technology (IT)**			
olvi3	0.6	0.6	0.51 (1.0)
cmyn3	0.4	0.4	0.49 (0.0)
olvi4	1.0	1.0	0.85 0.6
cmyn4	0.0	0.0	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	64.05	−3.0	12.77
*LAB*LABa*	64.05	−3.0	12.77
*LAB*TCHa*	52.5	13.12	103.25
relative CIELAB *lab**			
*lab*lab*	0.595	−0.033	0.146
*lab*tch*	0.525	0.15	0.287
*lab*nch*	0.4	0.15	0.287
relative Natural Colour (NC)			
*lab*lrj*	0.595	−0.036	0.145
*lab*tce*	0.525	0.15	0.289
*lab*ncE*	0.4	0.15	j15g

R50J'

relative **Inform. Technology (IT)**			
olvi3	0.6	0.555	0.51 (1.0)
cmyn3	0.4	0.445	0.49 (0.0)
olvi4	1.0	0.925	0.85 0.6
cmyn4	0.0	0.075	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	61.05	3.88	10.15
*LAB*LABa*	61.05	3.88	10.15
*LAB*TCHa*	52.5	10.86	69.07
relative CIELAB *lab**			
*lab*lab*	0.556	0.054	0.14
*lab*tch*	0.525	0.15	0.192
*lab*nch*	0.4	0.15	0.192
relative Natural Colour (NC)			
*lab*lrj*	0.556	0.078	0.128
*lab*tce*	0.525	0.15	0.163
*lab*ncE*	0.4	0.15	r65j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 61.05, 3.88, 10.15
LCH*Fa: 61.05, 10.86, 69.07

LAB*Ma: 72.72, 25.87, 67.65
LCH*Ma: 72.72, 72.43, 69.07

LAB*Sa: 89.74, 6.47, 16.91
LCH*Sa: 89.74, 18.11, 69.07

LAB*Qa: 32.93, 7.06, 18.45
LCH*Qa: 32.93, 19.75, 69.07

LAB*Xa: 82.93, 14.23, 37.21
LCH*Xa: 82.93, 39.84, 69.07

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.192
ncw*Fa: 0.4, 0.15, 0.45
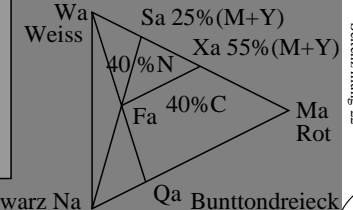olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.192
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.192
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.192
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.192
ncw*Xa: 0.0, 0.55, 0.45

G'

relative **Inform. Technology (IT)**			
olvi3	0.51	0.6	0.51 (1.0)
cmyn3	0.49	0.4	0.49 (0.0)
olvi4	0.85	1.0	0.85 0.6
cmyn4	0.15	0.0	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	62.74	−11.85	11.12
*LAB*LABa*	62.74	−11.85	11.12
*LAB*TCHa*	52.5	16.26	136.86
relative CIELAB *lab**			
*lab*lab*	0.578	−0.108	0.103
*lab*tch*	0.525	0.15	0.38
*lab*nch*	0.4	0.15	0.38
relative Natural Colour (NC)			
*lab*lrj*	0.578	−0.125	0.081
*lab*tce*	0.525	0.15	0.409
*lab*ncE*	0.4	0.15	j63g

relative **Inform. Technology (IT)**			
olvi3	0.525	0.525	0.525 (1.0)
cmyn3	0.475	0.475	0.475 (0.0)
olvi4	1.0	1.0	1.0 0.525
cmyn4	0.0	0.0	0.0 0.475
standard and *adapted* CIELAB			
*LAB*LAB*	58.65	0.0	0.0
*LAB*LABa*	58.65	0.0	0.0
*LAB*TCHa*	52.5	0.0	−
relative CIELAB *lab**			
*lab*lab*	0.525	0.0	0.0
*lab*tch*	0.525	0.0	−
*lab*nch*	0.475	0.0	−
relative Natural Colour (NC)			
*lab*lrj*	0.525	0.0	0.0
*lab*tce*	0.525	0.0	−
*lab*ncE*	0.475	0.0	−

relative **Inform. Technology (IT)**			
olvi3	0.6	0.51	0.51 (1.0)
cmyn3	0.4	0.49	0.49 (0.0)
olvi4	1.0	0.85	0.85 0.6
cmyn4	0.0	0.15	0.15 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	58.04	10.77	7.53
*LAB*LABa*	58.04	10.77	7.53
*LAB*TCHa*	52.5	13.14	34.95
relative CIELAB *lab**			
*lab*lab*	0.517	0.123	0.086
*lab*tch*	0.525	0.15	0.097
*lab*nch*	0.4	0.15	0.097
relative Natural Colour (NC)			
*lab*lrj*	0.517	0.146	0.033
*lab*tce*	0.525	0.15	0.035
*lab*ncE*	0.4	0.15	r14j

G50B'

relative **Inform. Technology (IT)**			
olvi3	0.51	0.6	0.6 (1.0)
cmyn3	0.49	0.4	0.4 (0.0)
olvi4	0.85	1.0	1.0 0.6
cmyn4	0.15	0.0	0.0 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	63.21	−6.66	−1.96
*LAB*LABa*	63.21	−6.66	−1.96
*LAB*TCHa*	52.5	6.95	196.46
relative CIELAB *lab**			
*lab*lab*	0.584	−0.143	−0.042
*lab*tch*	0.525	0.15	0.546
*lab*nch*	0.4	0.15	0.546
relative Natural Colour (NC)			
*lab*lrj*	0.584	−0.131	−0.07
*lab*tce*	0.525	0.15	0.578
*lab*ncE*	0.4	0.15	g31b

B'

relative **Inform. Technology (IT)**			
olvi3	0.51	0.51	0.6 (1.0)
cmyn3	0.49	0.49	0.4 (0.0)
olvi4	0.85	0.85	1.0 0.6
cmyn4	0.15	0.15	0.0 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	54.9	3.7	−5.62
*LAB*LABa*	54.9	3.7	−5.62
*LAB*TCHa*	52.5	6.74	303.29
relative CIELAB *lab**			
*lab*lab*	0.477	0.082	−0.124
*lab*tch*	0.525	0.15	0.842
*lab*nch*	0.4	0.15	0.842
relative Natural Colour (NC)			
*lab*lrj*	0.477	0.063	−0.135
*lab*tce*	0.525	0.15	0.819
*lab*ncE*	0.4	0.15	b27r

B50R'

relative **Inform. Technology (IT)**			
olvi3	0.6	0.51	0.6 (1.0)
cmyn3	0.4	0.49	0.4 (0.0)
olvi4	1.0	0.85	1.0 0.6
cmyn4	0.0	0.15	0.0 0.4
standard and *adapted* CIELAB			
*LAB*LAB*	58.98	13.42	−2.91
*LAB*LABa*	58.98	13.42	−2.91
*LAB*TCHa*	52.5	13.74	347.72
relative CIELAB *lab**			
*lab*lab*	0.529	0.147	−0.031
*lab*tch*	0.525	0.15	0.966
*lab*nch*	0.4	0.15	0.966
relative Natural Colour (NC)			
*lab*lrj*	0.529	0.13	−0.074
*lab*tce*	0.525	0.15	0.917
*lab*ncE*	0.4	0.15	b66r

B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
Fa 40%C
Ma Rot
Schwarz Na   Qa   Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen
Prüfvorlage MG47: Elementarfarben RJGB' (Strich)   Transfer via: *cmy0*TLS18 setcmykcolor*
Annäherung: 4 Elementar− und 4 Zwischenfarben   Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

SLS00   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nce setcolor*
*lab*nce: 0.4, 0.15, 0.129*
*LAB*LABx: 52.5, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative **Inform. Technology (IT)**			
*olvi3**	0.555	0.6	0.51	(1.0)
*cmyn3**	0.445	0.4	0.49	(0.0)
*olvi4**	0.925	1.0	0.85	0.6
*cmyn4**	0.075	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   52.5   −6.49   11.25
LAB*LABa   52.5   −6.49   11.25
LAB*TCHa   52.5   12.99   120.0

relative CIELAB *lab**
lab*lab   0.525   −0.074   0.13
lab*tch   0.525   0.15   0.333
lab*nch   0.4   0.15   0.333

relative Natural Colour (NC)
lab*lrj   0.525   −0.086   0.122
lab*tce   0.525   0.15   0.349
lab*ncE   0.4   0.15   j39g

J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.6	0.51	(1.0)
*cmyn3**	0.4	0.4	0.49	(0.0)
*olvi4**	1.0	1.0	0.85	0.6
*cmyn4**	0.0	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   55.0   0.0   15.0
LAB*LABa   55.0   0.0   15.0
LAB*TCHa   52.5   15.0   90.0

relative CIELAB *lab**
lab*lab   0.55   0.0   0.15
lab*tch   0.525   0.15   0.25
lab*nch   0.4   0.15   0.25

relative Natural Colour (NC)
lab*lrj   0.55   0.008   0.15
lab*tce   0.525   0.15   0.241
lab*ncE   0.4   0.15   r96j

R50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.555	0.51	(1.0)
*cmyn3**	0.4	0.445	0.49	(0.0)
*olvi4**	1.0	0.925	0.85	0.6
*cmyn4**	0.0	0.075	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   52.5   6.5   11.25
LAB*LABa   52.5   6.5   11.25
LAB*TCHa   52.5   12.99   60.0

relative CIELAB *lab**
lab*lab   0.525   0.075   0.13
lab*tch   0.525   0.15   0.167
lab*nch   0.4   0.15   0.167

relative Natural Colour (NC)
lab*lrj   0.525   0.103   0.109
lab*tce   0.525   0.15   0.129
lab*ncE   0.4   0.15   r51j

Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 52.5, 6.5, 11.25
LCH*Fa: 52.5, 12.99, 60.0

LAB*Ma: 50.0, 43.3, 75.0
LCH*Ma: 50.0, 86.6, 60.0

LAB*Sa: 87.5, 10.82, 18.75
LCH*Sa: 87.5, 21.65, 60.0

LAB*Qa: 13.64, 11.81, 20.45
LCH*Qa: 13.64, 23.62, 60.0

LAB*Xa: 72.5, 23.82, 41.25
LCH*Xa: 72.5, 47.63, 60.0

R'

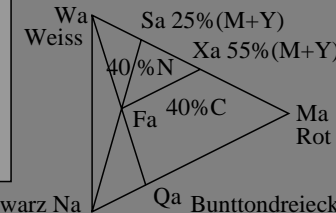olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

(middle-left panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.51	(1.0)
*cmyn3**	0.49	0.4	0.49	(0.0)
*olvi4**	0.85	1.0	0.85	0.6
*cmyn4**	0.15	0.0	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   50.0   −12.98   7.5
LAB*LABa   50.0   −12.98   7.5
LAB*TCHa   52.5   15.0   150.0

relative CIELAB *lab**
lab*lab   0.5   −0.129   0.075
lab*tch   0.525   0.15   0.417
lab*nch   0.4   0.15   0.417

relative Natural Colour (NC)
lab*lrj   0.5   −0.143   0.041
lab*tce   0.525   0.15   0.456
lab*ncE   0.4   0.15   j82g

(middle-center panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.525	0.525	0.525	(1.0)
*cmyn3**	0.475	0.475	0.475	(0.0)
*olvi4**	1.0	1.0	1.0	0.525
*cmyn4**	0.0	0.0	0.0	0.475

standard and *adapted* CIELAB
LAB*LAB   52.5   0.0   0.0
LAB*LABa   52.5   0.0   0.0
LAB*TCHa   52.5   0.0   −

relative CIELAB *lab**
lab*lab   0.525   0.0   0.0
lab*tch   0.525   0.15   −
lab*nch   0.475   0.2   −

relative Natural Colour (NC)
lab*lrj   0.525   0.0   0.0
lab*tce   0.525   0.0   −
lab*ncE   0.475   0.0   −

(middle-right panel)

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.51	(1.0)
*cmyn3**	0.4	0.49	0.49	(0.0)
*olvi4**	1.0	0.85	0.85	0.6
*cmyn4**	0.0	0.15	0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   50.0   12.99   7.5
LAB*LABa   50.0   12.99   7.5
LAB*TCHa   52.5   15.0   30.0

relative CIELAB *lab**
lab*lab   0.5   0.13   0.075
lab*tch   0.525   0.15   0.083
lab*nch   0.4   0.15   0.083

relative Natural Colour (NC)
lab*lrj   0.5   0.149   0.016
lab*tce   0.525   0.15   0.017
lab*ncE   0.4   0.15   r06j

G50J'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.6	0.6	(1.0)
*cmyn3**	0.49	0.4	0.4	(0.0)
*olvi4**	0.85	1.0	1.0	0.6
*cmyn4**	0.15	0.0	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   55.0   −12.98   −7.49
LAB*LABa   55.0   −12.98   −7.49
LAB*TCHa   52.5   15.0   210.0

relative CIELAB *lab**
lab*lab   0.55   −0.129   −0.074
lab*tch   0.525   0.15   0.583
lab*nch   0.4   0.15   0.583

relative Natural Colour (NC)
lab*lrj   0.55   −0.115   −0.094
lab*tce   0.525   0.15   0.609
lab*ncE   0.4   0.15   g43b

B'

relative **Inform. Technology (IT)**			
*olvi3**	0.51	0.51	0.6	(1.0)
*cmyn3**	0.49	0.49	0.4	(0.0)
*olvi4**	0.85	0.85	1.0	0.6
*cmyn4**	0.15	0.15	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   50.0   0.0   −14.99
LAB*LABa   50.0   0.0   −14.99
LAB*TCHa   52.5   15.0   270.0

relative CIELAB *lab**
lab*lab   0.5   0.0   −0.149
lab*tch   0.525   0.15   0.75
lab*nch   0.4   0.15   0.75

relative Natural Colour (NC)
lab*lrj   0.5   −0.003   −0.149
lab*tce   0.525   0.15   0.746
lab*ncE   0.4   0.15   g98b

B50R'

relative **Inform. Technology (IT)**			
*olvi3**	0.6	0.51	0.6	(1.0)
*cmyn3**	0.4	0.49	0.4	(0.0)
*olvi4**	1.0	0.85	1.0	0.6
*cmyn4**	0.0	0.15	0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   55.0   12.99   −7.49
LAB*LABa   55.0   12.99   −7.49
LAB*TCHa   52.5   15.0   330.0

relative CIELAB *lab**
lab*lab   0.55   0.13   −0.074
lab*tch   0.525   0.15   0.917
lab*nch   0.4   0.15   0.917

relative Natural Colour (NC)
lab*lrj   0.55   0.108   −0.103
lab*tce   0.525   0.15   0.878
lab*ncE   0.4   0.15   b51r

B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
40%C   Fa   40%   Ma Rot
Schwarz Na   Qa   Bunttondreieck

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)
Annäherung: 4 Elementar– und 4 Zwischenfarben

Transfer via: *cmy0*SLS00 setcmykcolor*
Ausgabe: *w* setgray*

äquivalente farbmetrische Farbkoordinaten

System:

SRS18   J50G'

olvi3*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3*Fa: 0.4, 0.445, 0.49,
olvi4*Fa: 1.0, 0.925, 0.85, 0.6
cmyn4*Fa: 0.0, 0.075, 0.15, 0.4

olvi3'*Fa: 0.6, 0.555, 0.51, 1.0
cmyn3'*Fa: 0.4, 0.445, 0.49, 0.0
olvi4'*Fa: 1.0, 0.93, 0.85, 0.6
cmyn4'*Fa: 0.0, 0.07, 0.15, 0.4

abpe3*: 0.045, 0.045, 0.481, 0.184
tqf3*,isect: 0.555, 0.519, 0.816, 3.0

G'

PS-Farboperator-Ausgabe:

links: *olvi3* (rgb) setrgbcolor*

oben: *cmyn3* setcmykcolor*

rechts: *cmyn4* setcmykcolor*

*unten: lab*nce setcolor*
*lab*nce: 0.4, 0.15, 0.129*
*LAB*LABx: 58.65, 6.5, 11.25*

G50B'

Eingabe-Farben:

C, V, M, O, OY, Y, YL, L

Elementarbuntton-Referenz:

CIE-Testfarben 9 bis 12

J50G'

relative Inform. Technology (IT)			
*olvi3**	0.555	0.6 0.51	(1.0)
*cmyn3**	0.445	0.4 0.49	(0.0)
*olvi4**	0.925	1.0 0.85	0.6
*cmyn4**	0.075	0.0 0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   58.65   −6.49   11.25
LAB*LABa   58.65   −6.49   11.25
LAB*TCHa   52.5   12.99   120.0

relative CIELAB *lab*
lab*lab   0.525   −0.074 0.13
lab*tch   0.525   0.15   0.333
lab*nch   0.4   0.15   0.333

relative Natural Colour (NC)
lab*lrj   0.525   −0.086 0.122
lab*tce   0.525   0.15   0.349
lab*ncE   0.4   0.15   j39g

J'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.6 0.51	(1.0)
*cmyn3**	0.4	0.4 0.49	(0.0)
*olvi4**	1.0	1.0 0.85	0.6
*cmyn4**	0.0	0.0 0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   60.58   0.0   15.0
LAB*LABa   60.58   0.0   15.0
LAB*TCHa   52.5   15.0   90.0

relative CIELAB *lab*
lab*lab   0.55   0.0   0.15
lab*tch   0.525   0.15   0.25
lab*nch   0.4   0.15   0.25

relative Natural Colour (NC)
lab*lrj   0.55   0.008   0.15
lab*tce   0.525   0.15   0.241
lab*ncE   0.4   0.15   r96j

R50J'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.555 0.51	(1.0)
*cmyn3**	0.4	0.445 0.49	(0.0)
*olvi4**	1.0	0.925 0.85	0.6
*cmyn4**	0.0	0.075 0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   58.65   6.5   11.25
LAB*LABa   58.65   6.5   11.25
LAB*TCHa   52.5   12.99   60.0

relative CIELAB *lab*
lab*lab   0.525   0.075   0.13
lab*tch   0.525   0.15   0.167
lab*nch   0.4   0.15   0.167

relative Natural Colour (NC)
lab*lrj   0.525   0.103   0.109
lab*tce   0.525   0.15   0.129
lab*ncE   0.4   0.15   r51j
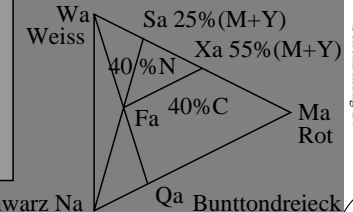
Alle Daten für Farbe R50J'

R50J'

LAB*Fa: 58.65, 6.5, 11.25
LCH*Fa: 58.65, 12.99, 60.0

LAB*Ma: 56.71, 43.3, 75.0
LCH*Ma: 56.71, 86.6, 60.0

LAB*Sa: 85.74, 10.82, 18.75
LCH*Sa: 85.74, 21.65, 60.0

LAB*Qa: 28.56, 11.81, 20.45
LCH*Qa: 28.56, 23.62, 60.0

LAB*Xa: 74.12, 23.82, 41.25
LCH*Xa: 74.12, 47.63, 60.0

R'

olvi3*Fa: 0.6, 0.525, 0.45
tch*Fa: 0.525, 0.15, 0.167
ncw*Fa: 0.4, 0.15, 0.45
olvi3*Ma: 1.0, 0.5, 0.0
tch*Ma: 0.5, 1.0, 0.167
ncw*Ma: 0.0, 1.0, 0.0
olvi3*Sa: 1.0, 0.875, 0.75,
tch*Sa: 0.875, 0.25, 0.167
ncw*Sa: 0.0, 0.25, 0.75
olvi3*Qa: 0.273, 0.136, 0.0,
tch*Qa: 0.136, 0.273, 0.167
ncw*Qa: 0.727, 0.273, 0.0
olvi3*Xa: 1.0, 0.725, 0.45,
tch*Xa: 0.725, 0.55, 0.167
ncw*Xa: 0.0, 0.55, 0.45

(G' panel)

relative Inform. Technology (IT)			
*olvi3**	0.51	0.6 0.51	(1.0)
*cmyn3**	0.49	0.4 0.49	(0.0)
*olvi4**	0.85	1.0 0.85	0.6
*cmyn4**	0.15	0.0 0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   56.71   −12.98 7.5
LAB*LABa   56.71   −12.98 7.5
LAB*TCHa   52.5   15.0   150.0

relative CIELAB *lab*
lab*lab   0.5   −0.129 0.075
lab*tch   0.525   0.15   0.417
lab*nch   0.4   0.15   0.417

relative Natural Colour (NC)
lab*lrj   0.5   −0.143 0.041
lab*tce   0.525   0.15   0.456
lab*ncE   0.4   0.15   j82g

(middle J' panel)

relative Inform. Technology (IT)			
*olvi3**	0.525	0.525 0.525	(1.0)
*cmyn3**	0.475	0.475 0.475	(0.0)
*olvi4**	1.0	1.0 1.0	0.525
*cmyn4**	0.0	0.0 0.0	0.475

standard and *adapted* CIELAB
LAB*LAB   58.65   0.0   0.0
LAB*LABa   58.65   0.0   0.0
LAB*TCHa   52.5   0.0   −

relative CIELAB *lab*
lab*lab   0.525   0.0   0.0
lab*tch   0.525   0.15   −
lab*nch   0.475   0.0   −

relative Natural Colour (NC)
lab*lrj   0.525   0.0   0.0
lab*tce   0.525   0.0   −
lab*ncE   0.475   0.0   −

(middle R' panel)

relative Inform. Technology (IT)			
*olvi3**	0.6	0.51 0.51	(1.0)
*cmyn3**	0.4	0.49 0.49	(0.0)
*olvi4**	1.0	0.85 0.85	0.6
*cmyn4**	0.0	0.15 0.15	0.4

standard and *adapted* CIELAB
LAB*LAB   56.71   12.99   7.5
LAB*LABa   56.71   12.99   7.5
LAB*TCHa   52.5   15.0   30.0

relative CIELAB *lab*
lab*lab   0.5   0.13   0.075
lab*tch   0.525   0.15   0.083
lab*nch   0.4   0.15   0.083

relative Natural Colour (NC)
lab*lrj   0.5   0.149   0.016
lab*tce   0.525   0.15   0.017
lab*ncE   0.4   0.15   r06j

G50B'

relative Inform. Technology (IT)			
*olvi3**	0.51	0.6 0.6	(1.0)
*cmyn3**	0.49	0.4 0.4	(0.0)
*olvi4**	0.85	1.0 1.0	0.6
*cmyn4**	0.15	0.0 0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   60.58   −12.98 −7.49
LAB*LABa   60.58   −12.98 −7.49
LAB*TCHa   52.5   15.0   210.0

relative CIELAB *lab*
lab*lab   0.55   −0.129 −0.074
lab*tch   0.525   0.15   0.583
lab*nch   0.4   0.15   0.583

relative Natural Colour (NC)
lab*lrj   0.55   −0.115 −0.094
lab*tce   0.525   0.15   0.609
lab*ncE   0.4   0.15   g43b

B'

relative Inform. Technology (IT)			
*olvi3**	0.51	0.51 0.6	(1.0)
*cmyn3**	0.49	0.49 0.4	(0.0)
*olvi4**	0.85	0.85 1.0	0.6
*cmyn4**	0.15	0.15 0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   56.71   0.0   −14.99
LAB*LABa   56.71   0.0   −14.99
LAB*TCHa   52.5   15.0   270.0

relative CIELAB *lab*
lab*lab   0.5   0.0   −0.149
lab*tch   0.525   0.15   0.75
lab*nch   0.4   0.15   0.75

relative Natural Colour (NC)
lab*lrj   0.5   −0.003 −0.149
lab*tce   0.525   0.15   0.746
lab*ncE   0.4   0.15   g98b

B50R'

relative Inform. Technology (IT)			
*olvi3**	0.6	0.51 0.6	(1.0)
*cmyn3**	0.4	0.49 0.4	(0.0)
*olvi4**	1.0	0.85 1.0	0.6
*cmyn4**	0.0	0.15 0.0	0.4

standard and *adapted* CIELAB
LAB*LAB   60.58   12.99   −7.49
LAB*LABa   60.58   12.99   −7.49
LAB*TCHa   52.5   15.0   330.0

relative CIELAB *lab*
lab*lab   0.55   0.13   −0.074
lab*tch   0.525   0.15   0.917
lab*nch   0.4   0.15   0.917

relative Natural Colour (NC)
lab*lrj   0.55   0.108   −0.103
lab*tce   0.525   0.15   0.878
lab*ncE   0.4   0.15   b51r

B50R'

Wa Weiss
Sa 25%(M+Y)
Xa 55%(M+Y)
40%N
Fa 40%C
Ma Rot
Schwarz Na   Qa   Bunttondreieck

ME500−7,   Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB*SRS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Buntton-Tabellen

Prüfvorlage MG47: Elementarfarben RJGB' (Strich)
Annäherung: 4 Elementar− und 4 Zwischenfarben
Transfer via: *cmy0*SRS18 setcmykcolor*
Ausgabe: *w* setgray*