

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:  
 links: *olvi3\** (rgb) *setrgbcolor*  
 oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*  
 unten: *LAB\*LAB setcolor*  
*LAB\*LAB\**: 60.51, 4.13, 10.67  
*LAB\*LABx*: 60.51, 4.13, 10.67

Eingabe-Farben:  
 C, V, M, O, OY, Y, YL, L

Elementarbunton-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

**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

**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* 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 0.6 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* 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

**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

**B'**

*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 -

**B50R'**

*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 0.51 (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

**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

**B50R'**

*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

**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

**B50R'**

*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* 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'**

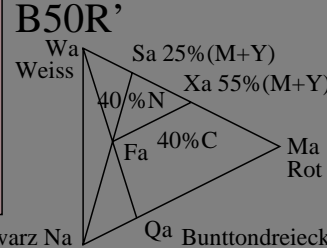
*olvi3\*Fa*: 0.6, 0.525, 0.45  
*tch\*Fa*: 0.525, 0.15, 0.191  
*ncw\*Fa*: 0.4, 0.15, 0.45

*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



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

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

Transfer via: *cmv0\*ORS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

Siehe ähnliche Dateien: <http://www.ps.bam.de/MG47/>  
 Technische Information: <http://www.ps.bam.de/Version 3.0, io=1,2; IORS; oORS; CIELAB>

BAM-Registrierung: 20050101-MG47/10S/S47G00FP.PS/.PDF BAM-Material: Code=th4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: /6; Serie: /4; Seite: 1 Seitezhung 1

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\** (rgb) *setrgbcolor*

oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*

unten: *LAB\*LAB setcolor*

*LAB\*LAB\**: 53.68, 4.22, 11.65

*LAB\*LABx*: 53.68, 4.22, 11.65

Eingabe-Farben:

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

**relative Inform. Technology (IT)**

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

**standard and adapted CIELAB**

<i>LAB*LAB</i>	56.16	-7.75	12.8
<i>LAB*LABa</i>	56.16	-7.75	12.8
<i>LAB*TBHa</i>	52.5	14.97	121.23

**relative CIELAB lab\***

<i>lab*lab</i>	0.589	-0.077	0.128
<i>lab*tch</i>	0.525	0.15	0.337
<i>lab*nch</i>	0.4	0.15	0.337

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.589	-0.09	0.119
<i>lab*tce</i>	0.525	0.15	0.353
<i>lab*nce</i>	0.4	0.15	j41g

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.51	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.49	(0.0)
<i>olvi4*</i>	0.85	1.0	0.85	0.6
<i>cmyn4*</i>	0.15	0.0	0.15	0.4

**standard and adapted CIELAB**

<i>LAB*LAB</i>	55.48	-12.4	11.99
<i>LAB*LABa</i>	55.48	-12.4	11.99
<i>LAB*TBHa</i>	52.5	17.26	136.01

**relative CIELAB lab\***

<i>lab*lab</i>	0.581	-0.107	0.104
<i>lab*tch</i>	0.525	0.15	0.378
<i>lab*nch</i>	0.4	0.15	0.378

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.581	-0.124	0.083
<i>lab*tce</i>	0.525	0.15	0.406
<i>lab*nce</i>	0.4	0.15	j62g

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.51	0.6	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.4	(0.0)
<i>olvi4*</i>	0.85	1.0	1.0	0.6
<i>cmyn4*</i>	0.15	0.0	0.0	0.4

**standard and adapted CIELAB**

<i>LAB*LAB</i>	55.97	-6.92	-2.02
<i>LAB*LABa</i>	55.97	-6.92	-2.02
<i>LAB*TBHa</i>	52.5	7.22	196.37

**relative CIELAB lab\***

<i>lab*lab</i>	0.587	-0.143	-0.041
<i>lab*tch</i>	0.525	0.15	0.545
<i>lab*nch</i>	0.4	0.15	0.545

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.587	-0.131	-0.07
<i>lab*tce</i>	0.525	0.15	0.578
<i>lab*nce</i>	0.4	0.15	g31b

**G50J'**

**J'**

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.6	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.4	0.49	(0.0)
<i>olvi4*</i>	1.0	1.0	0.85	0.6
<i>cmyn4*</i>	0.0	0.0	0.15	0.4

**standard and adapted CIELAB**

<i>LAB*LAB</i>	56.84	-3.1	13.61
<i>LAB*LABa</i>	56.84	-3.1	13.61
<i>LAB*TBHa</i>	52.5	13.96	102.85

**relative CIELAB lab\***

<i>lab*lab</i>	0.596	-0.032	0.146
<i>lab*tch</i>	0.525	0.15	0.286
<i>lab*nch</i>	0.4	0.15	0.286

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.596	-0.034	0.146
<i>lab*tce</i>	0.525	0.15	0.288
<i>lab*nce</i>	0.4	0.15	j15g

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.525	0.525	0.525	(1.0)
<i>cmyn3*</i>	0.475	0.475	0.475	(0.0)
<i>olvi4*</i>	1.0	1.0	1.0	0.525
<i>cmyn4*</i>	0.0	0.0	0.0	0.475

**standard and adapted CIELAB**

<i>LAB*LAB</i>	50.1	0.0	0.0
<i>LAB*LABa</i>	50.1	0.0	0.0
<i>LAB*TBHa</i>	52.5	0.0	-

**relative CIELAB lab\***

<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.51	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.49	0.4	(0.0)
<i>olvi4*</i>	0.85	0.85	1.0	0.6
<i>cmyn4*</i>	0.15	0.15	0.0	0.4

**standard and adapted CIELAB**

<i>LAB*LAB</i>	47.5	11.41	-15.53
<i>LAB*LABa</i>	47.5	11.41	-15.53
<i>LAB*TBHa</i>	52.5	19.28	306.29

**relative CIELAB lab\***

<i>lab*lab</i>	0.498	0.089	-0.12
<i>lab*tch</i>	0.525	0.15	0.851
<i>lab*nch</i>	0.4	0.15	0.851

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.498	0.069	-0.132
<i>lab*tce</i>	0.525	0.15	0.826
<i>lab*nce</i>	0.4	0.15	b30r

**B'**

**R50J'**

**relative Inform. Technology (IT)**

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

**standard and adapted CIELAB**

<i>LAB*LAB</i>	53.68	4.22	11.65
<i>LAB*LABa</i>	53.68	4.22	11.65
<i>LAB*TBHa</i>	52.5	12.39	70.1

**relative CIELAB lab\***

<i>lab*lab</i>	0.563	0.051	0.141
<i>lab*tch</i>	0.525	0.15	0.195
<i>lab*nch</i>	0.4	0.15	0.195

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.563	0.075	0.13
<i>lab*tce</i>	0.525	0.15	0.167
<i>lab*nce</i>	0.4	0.15	r66j

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.6	0.51	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.49	(0.0)
<i>olvi4*</i>	1.0	0.85	0.85	0.6
<i>cmyn4*</i>	0.0	0.15	0.15	0.4

**standard and adapted CIELAB**

<i>LAB*LAB</i>	50.51	11.54	9.68
<i>LAB*LABa</i>	50.51	11.54	9.68
<i>LAB*TBHa</i>	52.5	15.06	40.0

**relative CIELAB lab\***

<i>lab*lab</i>	0.529	0.115	0.096
<i>lab*tch</i>	0.525	0.15	0.111
<i>lab*nch</i>	0.4	0.15	0.111

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.529	0.141	0.05
<i>lab*tce</i>	0.525	0.15	0.054
<i>lab*nce</i>	0.4	0.15	r21j

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.6	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.4	(0.0)
<i>olvi4*</i>	1.0	0.85	1.0	0.6
<i>cmyn4*</i>	0.0	0.15	0.0	0.4

**standard and adapted CIELAB**

<i>LAB*LAB</i>	51.53	14.15	-8.75
<i>LAB*LABa</i>	51.53	14.15	-8.75
<i>LAB*TBHa</i>	52.5	16.65	328.23

**relative CIELAB lab\***

<i>lab*lab</i>	0.54	0.128	-0.078
<i>lab*tch</i>	0.525	0.15	0.912
<i>lab*nch</i>	0.4	0.15	0.912

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.54	0.106	-0.106
<i>lab*tce</i>	0.525	0.15	0.874
<i>lab*nce</i>	0.4	0.15	b49r

**B50R'**

Alle Daten für Farbe R50J'

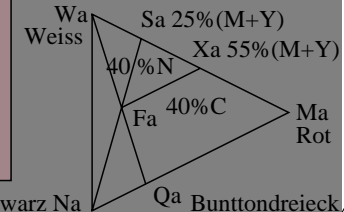
**R50J'**

*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'**



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

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

Transfer via: *cmv0\*TLS00 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G01FP.PS/.PDF BAM-Material: Code=th4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 2/6, Serie: 1/4, Seite: 2, Seitenhang 2

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\** (rgb) *setrgbcolor*

oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*

unten: *LAB\*LAB setcolor*

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

*LAB\*LABx*: 60.51, 4.13, 10.67

Eingabe-Farben:

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

*relative Inform. Technology (IT)*

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

*standard and adapted CIELAB*

<i>LAB*LAB</i>	60.73	-5.79	11.92
<i>LAB*LABa</i>	60.73	-5.47	9.5
<i>LAB*TCHa</i>	52.5	10.97	119.98

*relative CIELAB lab\**

<i>lab*lab</i>	0.552	-0.074	0.13
<i>lab*tch</i>	0.525	0.15	0.333
<i>lab*nch</i>	0.4	0.15	0.333

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.552	-0.086	0.122
<i>lab*tce</i>	0.525	0.15	0.349
<i>lab*nce</i>	0.4	0.15	j39g

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.51	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.49	(0.0)
<i>olvi4*</i>	0.85	1.0	0.85	0.6
<i>cmyn4*</i>	0.15	0.0	0.15	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	57.77	-9.68	7.46
<i>LAB*LABa</i>	57.77	-9.41	5.24
<i>LAB*TCHa</i>	52.5	10.78	150.91

*relative CIELAB lab\**

<i>lab*lab</i>	0.514	-0.13	0.073
<i>lab*tch</i>	0.525	0.15	0.419
<i>lab*nch</i>	0.4	0.15	0.419

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.514	-0.144	0.038
<i>lab*tce</i>	0.525	0.15	0.46
<i>lab*nce</i>	0.4	0.15	j83g

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.51	0.6	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.4	(0.0)
<i>olvi4*</i>	0.85	1.0	1.0	0.6
<i>cmyn4*</i>	0.15	0.0	0.0	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	58.93	-4.83	-4.44
<i>LAB*LABa</i>	58.93	-4.54	-6.74
<i>LAB*TCHa</i>	52.5	8.14	236.02

*relative CIELAB lab\**

<i>lab*lab</i>	0.529	-0.083	-0.123
<i>lab*tch</i>	0.525	0.15	0.656
<i>lab*nch</i>	0.4	0.15	0.656

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.529	-0.073	-0.13
<i>lab*tce</i>	0.525	0.15	0.668
<i>lab*nce</i>	0.4	0.15	g67b

**G50J'**

**J'**

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.6	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.4	0.49	(0.0)
<i>olvi4*</i>	1.0	1.0	0.85	0.6
<i>cmyn4*</i>	0.0	0.0	0.15	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	63.69	-1.91	16.38
<i>LAB*LABa</i>	63.69	-1.53	13.76
<i>LAB*TCHa</i>	52.5	13.85	96.38

*relative CIELAB lab\**

<i>lab*lab</i>	0.59	-0.016	0.149
<i>lab*tch</i>	0.525	0.15	0.268
<i>lab*nch</i>	0.4	0.15	0.268

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.59	-0.013	0.149
<i>lab*tce</i>	0.525	0.15	0.265
<i>lab*nce</i>	0.4	0.15	j05g

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.525	0.525	0.525	(1.0)
<i>cmyn3*</i>	0.475	0.475	0.475	(0.0)
<i>olvi4*</i>	1.0	1.0	1.0	0.525
<i>cmyn4*</i>	0.0	0.0	0.0	0.475

*standard and adapted CIELAB*

<i>LAB*LAB</i>	58.65	-0.27	2.28
<i>LAB*LABa</i>	58.65	0.0	0.0
<i>LAB*TCHa</i>	52.5	0.0	-

*relative CIELAB lab\**

<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.51	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.49	0.4	(0.0)
<i>olvi4*</i>	0.85	0.85	1.0	0.6
<i>cmyn4*</i>	0.15	0.15	0.0	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	54.0	4.47	-4.68
<i>LAB*LABa</i>	54.0	4.66	-6.65
<i>LAB*TCHa</i>	52.5	8.13	305.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.465	0.086	-0.122
<i>lab*tch</i>	0.525	0.15	0.847
<i>lab*nch</i>	0.4	0.15	0.847

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.465	0.067	-0.133
<i>lab*tce</i>	0.525	0.15	0.823
<i>lab*nce</i>	0.4	0.15	b29r

**B'**

**R50J'**

*relative Inform. Technology (IT)*

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

*standard and adapted CIELAB*

<i>LAB*LAB</i>	60.51	3.82	13.08
<i>LAB*LABa</i>	60.51	4.13	10.67
<i>LAB*TCHa</i>	52.5	11.44	68.82

*relative CIELAB lab\**

<i>lab*lab</i>	0.549	0.054	0.14
<i>lab*tch</i>	0.525	0.15	0.191
<i>lab*nch</i>	0.4	0.15	0.191

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.549	0.079	0.128
<i>lab*tce</i>	0.525	0.15	0.162
<i>lab*nce</i>	0.4	0.15	r64j

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.6	0.51	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.49	(0.0)
<i>olvi4*</i>	1.0	0.85	0.85	0.6
<i>cmyn4*</i>	0.0	0.15	0.15	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	57.33	9.55	9.77
<i>LAB*LABa</i>	57.33	9.81	7.58
<i>LAB*TCHa</i>	52.5	12.39	37.69

*relative CIELAB lab\**

<i>lab*lab</i>	0.508	0.119	0.092
<i>lab*tch</i>	0.525	0.15	0.105
<i>lab*nch</i>	0.4	0.15	0.105

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.508	0.144	0.042
<i>lab*tce</i>	0.525	0.15	0.046
<i>lab*nce</i>	0.4	0.15	r18j

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.6	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.4	(0.0)
<i>olvi4*</i>	1.0	0.85	1.0	0.6
<i>cmyn4*</i>	0.0	0.15	0.0	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	57.36	11.03	0.94
<i>LAB*LABa</i>	57.36	11.29	-1.24
<i>LAB*TCHa</i>	52.5	11.36	353.66

*relative CIELAB lab\**

<i>lab*lab</i>	0.508	0.149	-0.016
<i>lab*tch</i>	0.525	0.15	0.982
<i>lab*nch</i>	0.4	0.15	0.982

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.508	0.136	-0.063
<i>lab*tce</i>	0.525	0.15	0.93
<i>lab*nce</i>	0.4	0.15	b72r

**B50R'**

Alle Daten für Farbe R50J'

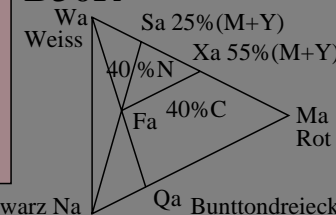
**R50J'**

*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'**



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

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

Transfer via: *cmv0\*DRSxx setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\** (rgb) *setrgbcolor*

oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*

unten: *LAB\*LAB setcolor*

*LAB\*LAB\**: 61.05, 3.88, 10.15

*LAB\*LABx*: 61.05, 3.88, 10.15

Eingabe-Farben:

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

Elementarbunton-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

**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\** 0.51 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

**G50J'**

**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

**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\** 0.51 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

**B'**

**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

**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

**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'**

Alle Daten für Farbe R50J'

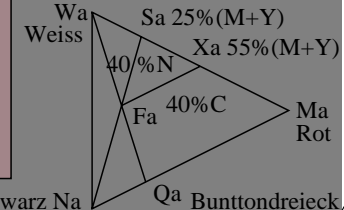
**R50J'**

*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'**



ME500-7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB\*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Bunton-Tabellen

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

Transfer via: *cmv0\*TLS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G03FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 4/6, Serie: 1/4, Seite: 4  
 Scheitz hung 4

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: olvi3\* (rgb) setrgbcolor

oben: cmyn3\* setcmkcolor

rechts: cmyn4\* setcmkcolor

unten: LAB\*LAB setcolor

LAB\*LAB\*: 52.5, 6.5, 11.25

LAB\*LABx: 52.5, 6.5, 11.25

Eingabe-Farben:

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

Elementarbunton-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

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*	0.51	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

### G50J'

### 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

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	-

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

### B'

### 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

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*	0.6	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'

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

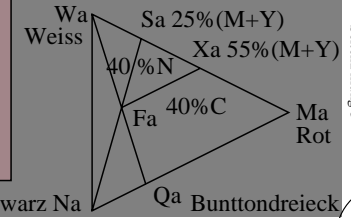
olvi3\*Ma: 1.0, 0.5, 0.0  
 tch\*Ma: 0.5, 1.0, 0.167  
 ncw\*Ma: 0.0, 1.0, 0.0

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'



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

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

Transfer via: cmy0\*SLS00 setcmkcolor  
 Ausgabe: cmy3\*/nnn0\* setcmkcolor

BAM-Registrierung: 20050101-MG47/10S/S47G04FP.PS/.PDF BAM-Material: Code=th4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 5/6, Serie: 1/4, Seite: 5  
 Scheitz hung 5

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

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

Eingabe-Farben:

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

*relative Inform. Technology (IT)*

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

*standard and adapted CIELAB*

<i>LAB*LAB</i>	58.65	-6.49	11.25
<i>LAB*LABa</i>	58.65	-6.49	11.25
<i>LAB*TBHa</i>	52.5	12.99	120.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.525	-0.074	0.13
<i>lab*tch</i>	0.525	0.15	0.333
<i>lab*nch</i>	0.4	0.15	0.333

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.525	-0.086	0.122
<i>lab*tce</i>	0.525	0.15	0.349
<i>lab*nce</i>	0.4	0.15	j39g

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.51	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.49	(0.0)
<i>olvi4*</i>	0.85	1.0	0.85	0.6
<i>cmyn4*</i>	0.15	0.0	0.15	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	56.71	-12.98	7.5
<i>LAB*LABa</i>	56.71	-12.98	7.5
<i>LAB*TBHa</i>	52.5	15.0	150.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.5	-0.129	0.075
<i>lab*tch</i>	0.525	0.15	0.417
<i>lab*nch</i>	0.4	0.15	0.417

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.5	-0.143	0.041
<i>lab*tce</i>	0.525	0.15	0.456
<i>lab*nce</i>	0.4	0.15	j82g

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.51	0.6	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.4	(0.0)
<i>olvi4*</i>	0.85	1.0	1.0	0.6
<i>cmyn4*</i>	0.15	0.0	0.0	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	60.58	-12.98	-7.49
<i>LAB*LABa</i>	60.58	-12.98	-7.49
<i>LAB*TBHa</i>	52.5	15.0	210.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.55	-0.129	-0.074
<i>lab*tch</i>	0.525	0.15	0.583
<i>lab*nch</i>	0.4	0.15	0.583

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.55	-0.115	-0.094
<i>lab*tce</i>	0.525	0.15	0.609
<i>lab*nce</i>	0.4	0.15	g43b

**G50J'**

**J'**

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.6	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.4	0.49	(0.0)
<i>olvi4*</i>	1.0	1.0	0.85	0.6
<i>cmyn4*</i>	0.0	0.0	0.15	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	60.58	0.0	15.0
<i>LAB*LABa</i>	60.58	0.0	15.0
<i>LAB*TBHa</i>	52.5	15.0	90.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.55	0.0	0.15
<i>lab*tch</i>	0.525	0.15	0.25
<i>lab*nch</i>	0.4	0.15	0.25

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.55	0.008	0.15
<i>lab*tce</i>	0.525	0.15	0.241
<i>lab*nce</i>	0.4	0.15	r96j

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.525	0.525	0.525	(1.0)
<i>cmyn3*</i>	0.475	0.475	0.475	(0.0)
<i>olvi4*</i>	1.0	1.0	1.0	0.525
<i>cmyn4*</i>	0.0	0.0	0.0	0.475

*standard and adapted CIELAB*

<i>LAB*LAB</i>	58.65	0.0	0.0
<i>LAB*LABa</i>	58.65	0.0	0.0
<i>LAB*TBHa</i>	52.5	0.0	-

*relative CIELAB lab\**

<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.51	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.49	0.4	(0.0)
<i>olvi4*</i>	0.85	0.85	1.0	0.6
<i>cmyn4*</i>	0.15	0.15	0.0	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	56.71	0.0	-14.99
<i>LAB*LABa</i>	56.71	0.0	-14.99
<i>LAB*TBHa</i>	52.5	15.0	270.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.5	0.0	-0.149
<i>lab*tch</i>	0.525	0.15	0.75
<i>lab*nch</i>	0.4	0.15	0.75

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.5	-0.003	-0.149
<i>lab*tce</i>	0.525	0.15	0.746
<i>lab*nce</i>	0.4	0.15	g98b

**B'**

**R50J'**

*relative Inform. Technology (IT)*

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

*standard and adapted CIELAB*

<i>LAB*LAB</i>	58.65	6.5	11.25
<i>LAB*LABa</i>	58.65	6.5	11.25
<i>LAB*TBHa</i>	52.5	12.99	60.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.525	0.075	0.13
<i>lab*tch</i>	0.525	0.15	0.167
<i>lab*nch</i>	0.4	0.15	0.167

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.525	0.103	0.109
<i>lab*tce</i>	0.525	0.15	0.129
<i>lab*nce</i>	0.4	0.15	r51j

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.6	0.51	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.49	(0.0)
<i>olvi4*</i>	1.0	0.85	0.85	0.6
<i>cmyn4*</i>	0.0	0.15	0.15	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	56.71	12.99	7.5
<i>LAB*LABa</i>	56.71	12.99	7.5
<i>LAB*TBHa</i>	52.5	15.0	30.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.5	0.13	0.075
<i>lab*tch</i>	0.525	0.15	0.083
<i>lab*nch</i>	0.4	0.15	0.083

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.5	0.149	0.016
<i>lab*tce</i>	0.525	0.15	0.017
<i>lab*nce</i>	0.4	0.15	r06j

*relative Inform. Technology (IT)*

<i>olvi3*</i>	0.6	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.4	(0.0)
<i>olvi4*</i>	1.0	0.85	1.0	0.6
<i>cmyn4*</i>	0.0	0.15	0.0	0.4

*standard and adapted CIELAB*

<i>LAB*LAB</i>	60.58	12.99	-7.49
<i>LAB*LABa</i>	60.58	12.99	-7.49
<i>LAB*TBHa</i>	52.5	15.0	330.0

*relative CIELAB lab\**

<i>lab*lab</i>	0.55	0.13	-0.074
<i>lab*tch</i>	0.525	0.15	0.917
<i>lab*nch</i>	0.4	0.15	0.917

*relative Natural Colour (NC)*

<i>lab*lrj</i>	0.55	0.108	-0.103
<i>lab*tce</i>	0.525	0.15	0.878
<i>lab*nce</i>	0.4	0.15	b51r

**B50R'**

Alle Daten für Farbe R50J'

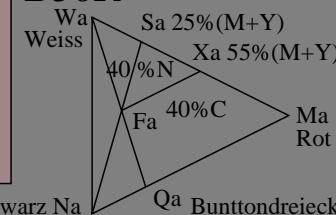
**R50J'**

*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'**



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

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

Transfer via: *cmv0\*SRS18 setcmykcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmykcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\** (rgb) *setrgbcolor*

oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*

unten: *LAB\*LCH* *setcolor*

*LAB\*LCH*\*: 60.51, 11.44, 68.82

*LAB\*LAB*x: 60.51, 4.13, 10.67

Eingabe-Farben:

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

Elementarbunton-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

**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\** 0.51 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'**

**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

**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\** 0.51 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'**

**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

**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\** 0.6 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'**

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

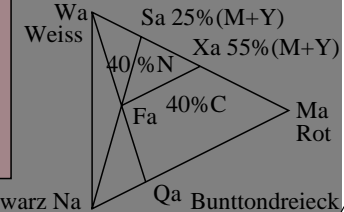
*olvi3\*Ma*: 1.0, 0.5, 0.0  
*tch\*Ma*: 0.5, 1.0, 0.191  
*ncw\*Ma*: 0.0, 1.0, 0.0

*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'**



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

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

Transfer via: *cmY0\*ORS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G00FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen

MG47/ Form: 1/6, Serie: 2/4, Seite: 1, Seitenhang: 7

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, 0.982, 0.949, 0.833  
cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:  
links: olvi3\* (rgb) setrgbcolor  
oben: cmyn3\* setcmkcolor

rechts: cmyn4\* setcmkcolor  
unten: LAB\*LCH setcolor  
LAB\*LCH\*: 53.68, 12.39, 70.1  
LAB\*LABx: 53.68, 4.22, 11.65

Eingabe-Farben:  
C, V, M, O, OY, Y, YL, L

Elementarbunton-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

**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

**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

**G50J'**

*relative Inform. Technology (IT)*  
olvi3\* 0.51 0.6 0.51 (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 -

**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

**B'**

*relative Inform. Technology (IT)*  
olvi3\* 0.51 0.51 0.51 (1.0)  
cmyn3\* 0.4 0.4 0.49 (0.0)  
olvi4\* 1.0 1.0 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

**B50J'**

*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

**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

**B50R'**

*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

**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

**B50J'**

*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

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'**

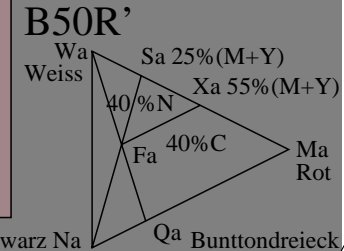
olvi3\*Fa: 0.6, 0.525, 0.45  
tch\*Fa: 0.525, 0.15, 0.195  
ncw\*Fa: 0.4, 0.15, 0.45

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



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

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

Transfer via: cmy0\*TLS00 setcmkcolor  
Ausgabe: cmyn3\*/nnn0\* setcmkcolor

BAM-Registrierung: 20050101-MG47/10S/S47G01FP.PS/.PDF BAM-Material: Code=th4ta  
Anwendung für Messung von Drucker- oder Monitorsystemen  
/MG47/ Form: 2/6, Serie: 2/4, Seite: 2  
Scheinung 8



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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\** (rgb) *setrgbcolor*

oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*

unten: *LAB\*LCH* *setcolor*

*LAB\*LCH*\*: 60.51, 11.44, 68.82

*LAB\*LAB*x: 60.51, 4.13, 10.67

Eingabe-Farben:

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.555	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.445	0.4	0.49 (0.0)
<i>olvi4*</i>	0.925	1.0	0.85 0.6
<i>cmyn4*</i>	0.075	0.0	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	60.73	-5.79	11.92
<i>LAB*LABa</i>	60.73	-5.47	9.5
<i>LAB*TCHa</i>	52.5	10.97	119.98
relative CIELAB lab*			
<i>lab*lab</i>	0.552	-0.074	0.13
<i>lab*tch</i>	0.525	0.15	0.333
<i>lab*nch</i>	0.4	0.15	0.333
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.552	-0.086	0.122
<i>lab*tce</i>	0.525	0.15	0.349
<i>lab*nce</i>	0.4	0.15	j39g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.49 (0.0)
<i>olvi4*</i>	0.85	1.0	0.85 0.6
<i>cmyn4*</i>	0.15	0.0	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	57.77	-9.68	7.46
<i>LAB*LABa</i>	57.77	-9.41	5.24
<i>LAB*TCHa</i>	52.5	10.78	150.91
relative CIELAB lab*			
<i>lab*lab</i>	0.514	-0.13	0.073
<i>lab*tch</i>	0.525	0.15	0.419
<i>lab*nch</i>	0.4	0.15	0.419
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.514	-0.144	0.038
<i>lab*tce</i>	0.525	0.15	0.46
<i>lab*nce</i>	0.4	0.15	j83g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.4 (0.0)
<i>olvi4*</i>	0.85	1.0	1.0 0.6
<i>cmyn4*</i>	0.15	0.0	0.0 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	58.93	-4.83	-4.44
<i>LAB*LABa</i>	58.93	-4.54	-6.74
<i>LAB*TCHa</i>	52.5	8.14	236.02
relative CIELAB lab*			
<i>lab*lab</i>	0.529	-0.083	-0.123
<i>lab*tch</i>	0.525	0.15	0.656
<i>lab*nch</i>	0.4	0.15	0.656
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.529	-0.073	-0.13
<i>lab*tce</i>	0.525	0.15	0.668
<i>lab*nce</i>	0.4	0.15	g67b

**G50J'**

**J'**

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

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

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.49	0.4 (0.0)
<i>olvi4*</i>	0.85	0.85	1.0 0.6
<i>cmyn4*</i>	0.15	0.15	0.0 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	54.0	4.47	-4.68
<i>LAB*LABa</i>	54.0	4.66	-6.65
<i>LAB*TCHa</i>	52.5	8.13	305.0
relative CIELAB lab*			
<i>lab*lab</i>	0.465	0.086	-0.122
<i>lab*tch</i>	0.525	0.15	0.847
<i>lab*nch</i>	0.4	0.15	0.847
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.465	0.067	-0.133
<i>lab*tce</i>	0.525	0.15	0.823
<i>lab*nce</i>	0.4	0.15	b29r

**B'**

**R50J'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.555	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.445	0.49 (0.0)
<i>olvi4*</i>	1.0	0.925	0.85 0.6
<i>cmyn4*</i>	0.0	0.075	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	60.51	3.82	13.08
<i>LAB*LABa</i>	60.51	4.13	10.67
<i>LAB*TCHa</i>	52.5	11.44	68.82
relative CIELAB lab*			
<i>lab*lab</i>	0.549	0.054	0.14
<i>lab*tch</i>	0.525	0.15	0.191
<i>lab*nch</i>	0.4	0.15	0.191
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.549	0.079	0.128
<i>lab*tce</i>	0.525	0.15	0.162
<i>lab*nce</i>	0.4	0.15	r64j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.49 (0.0)
<i>olvi4*</i>	1.0	0.85	0.85 0.6
<i>cmyn4*</i>	0.0	0.15	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	57.33	9.55	9.77
<i>LAB*LABa</i>	57.33	9.81	7.58
<i>LAB*TCHa</i>	52.5	12.39	37.69
relative CIELAB lab*			
<i>lab*lab</i>	0.508	0.119	0.092
<i>lab*tch</i>	0.525	0.15	0.105
<i>lab*nch</i>	0.4	0.15	0.105
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.508	0.144	0.042
<i>lab*tce</i>	0.525	0.15	0.046
<i>lab*nce</i>	0.4	0.15	r18j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.4 (0.0)
<i>olvi4*</i>	1.0	0.85	1.0 0.6
<i>cmyn4*</i>	0.0	0.15	0.0 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	57.36	11.03	0.94
<i>LAB*LABa</i>	57.36	11.29	-1.24
<i>LAB*TCHa</i>	52.5	11.36	353.66
relative CIELAB lab*			
<i>lab*lab</i>	0.508	0.149	-0.016
<i>lab*tch</i>	0.525	0.15	0.982
<i>lab*nch</i>	0.4	0.15	0.982
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.508	0.136	-0.063
<i>lab*tce</i>	0.525	0.15	0.93
<i>lab*nce</i>	0.4	0.15	b72r

**B50R'**

Alle Daten für Farbe R50J'

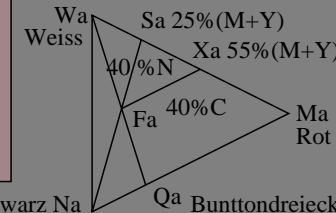
**R50J'**

*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'**



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

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

Transfer via: *cmv0\*DRSxx setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

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

Elementarbunton-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

**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\** 0.51 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

**G50J'**

**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

**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\** 0.51 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

**B'**

**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

**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

**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'**

Alle Daten für Farbe R50J'

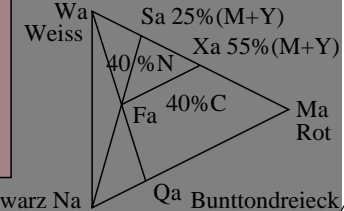
**R50J'**

*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'**



ME500-7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB\*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Bunton-Tabellen

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

Transfer via: *cmY0\*TLS18 setcmykcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmykcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G03FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 4/6, Serie: 2/4, Seite: 4  
 Scheitz hung 10

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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\* setcmkcolor

rechts: cmyn4\* setcmkcolor

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

Elementarbunton-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

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*	0.51	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

G50J'

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

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	-

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

B'

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

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*	0.6	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'

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

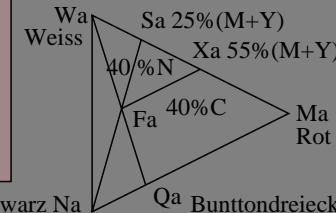
olvi3\*Ma: 1.0, 0.5, 0.0  
 tch\*Ma: 0.5, 1.0, 0.167  
 ncw\*Ma: 0.0, 1.0, 0.0

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'



Schwarz Na

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

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

Transfer via: cmy0\*SLS00 setcmkcolor  
 Ausgabe: cmy0\*nnn0\* setcmkcolor

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\* (rgb) setrgbcolor*

oben: *cmyn3\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*

unten: *LAB\*LCH setcolor*

*LAB\*LCH\**: 58.65, 12.99, 60.0

*LAB\*LABx*: 58.65, 6.5, 11.25

Eingabe-Farben:

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

Elementarblau-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.555	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.445	0.4	0.49 (0.0)
<i>olvi4*</i>	0.925	1.0	0.85 0.6
<i>cmyn4*</i>	0.075	0.0	0.15 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	58.65	-6.49	11.25
<i>LAB*LABa</i>	58.65	-6.49	11.25
<i>LAB*TCHa</i>	52.5	12.99	120.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.525	-0.074	0.13
<i>lab*tch</i>	0.525	0.15	0.333
<i>lab*nch</i>	0.4	0.15	0.333
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.525	-0.086	0.122
<i>lab*tce</i>	0.525	0.15	0.349
<i>lab*nce</i>	0.4	0.15	j39g

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.51	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.49 (0.0)
<i>olvi4*</i>	0.85	1.0	0.85 0.6
<i>cmyn4*</i>	0.15	0.0	0.15 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	56.71	-12.98	7.5
<i>LAB*LABa</i>	56.71	-12.98	7.5
<i>LAB*TCHa</i>	52.5	15.0	150.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.5	-0.129	0.075
<i>lab*tch</i>	0.525	0.15	0.417
<i>lab*nch</i>	0.4	0.15	0.417
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.5	-0.143	0.041
<i>lab*tce</i>	0.525	0.15	0.456
<i>lab*nce</i>	0.4	0.15	j82g

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.51	0.6	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.4 (0.0)
<i>olvi4*</i>	0.85	1.0	1.0 0.6
<i>cmyn4*</i>	0.15	0.0	0.0 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	60.58	-12.98	-7.49
<i>LAB*LABa</i>	60.58	-12.98	-7.49
<i>LAB*TCHa</i>	52.5	15.0	210.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.55	-0.129	-0.074
<i>lab*tch</i>	0.525	0.15	0.583
<i>lab*nch</i>	0.4	0.15	0.583
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.55	-0.115	-0.094
<i>lab*tce</i>	0.525	0.15	0.609
<i>lab*nce</i>	0.4	0.15	g43b

**G50J'**

**J'**

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.6	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.4	0.49 (0.0)
<i>olvi4*</i>	1.0	1.0	0.85 0.6
<i>cmyn4*</i>	0.0	0.0	0.15 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	60.58	0.0	15.0
<i>LAB*LABa</i>	60.58	0.0	15.0
<i>LAB*TCHa</i>	52.5	15.0	90.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.55	0.0	0.15
<i>lab*tch</i>	0.525	0.15	0.25
<i>lab*nch</i>	0.4	0.15	0.25
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.55	0.008	0.15
<i>lab*tce</i>	0.525	0.15	0.241
<i>lab*nce</i>	0.4	0.15	r96j

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.525	0.525	0.525 (1.0)
<i>cmyn3*</i>	0.475	0.475	0.475 (0.0)
<i>olvi4*</i>	1.0	1.0	1.0 0.525
<i>cmyn4*</i>	0.0	0.0	0.0 0.475
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	58.65	0.0	0.0
<i>LAB*LABa</i>	58.65	0.0	0.0
<i>LAB*TCHa</i>	52.5	0.0	-
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.51	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.49	0.4 (0.0)
<i>olvi4*</i>	0.85	0.85	1.0 0.6
<i>cmyn4*</i>	0.15	0.15	0.0 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	56.71	0.0	-14.99
<i>LAB*LABa</i>	56.71	0.0	-14.99
<i>LAB*TCHa</i>	52.5	15.0	270.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.5	0.0	-0.149
<i>lab*tch</i>	0.525	0.15	0.75
<i>lab*nch</i>	0.4	0.15	0.75
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.5	-0.003	-0.149
<i>lab*tce</i>	0.525	0.15	0.746
<i>lab*nce</i>	0.4	0.15	g98b

**B'**

**R50J'**

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.6	0.555	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.445	0.49 (0.0)
<i>olvi4*</i>	1.0	0.925	0.85 0.6
<i>cmyn4*</i>	0.0	0.075	0.15 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	58.65	6.5	11.25
<i>LAB*LABa</i>	58.65	6.5	11.25
<i>LAB*TCHa</i>	52.5	12.99	60.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.525	0.075	0.13
<i>lab*tch</i>	0.525	0.15	0.167
<i>lab*nch</i>	0.4	0.15	0.167
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.525	0.103	0.109
<i>lab*tce</i>	0.525	0.15	0.129
<i>lab*nce</i>	0.4	0.15	r51j

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.6	0.51	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.49 (0.0)
<i>olvi4*</i>	1.0	0.85	0.85 0.6
<i>cmyn4*</i>	0.0	0.15	0.15 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	56.71	12.99	7.5
<i>LAB*LABa</i>	56.71	12.99	7.5
<i>LAB*TCHa</i>	52.5	15.0	30.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.5	0.13	0.075
<i>lab*tch</i>	0.525	0.15	0.083
<i>lab*nch</i>	0.4	0.15	0.083
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.5	0.149	0.016
<i>lab*tce</i>	0.525	0.15	0.017
<i>lab*nce</i>	0.4	0.15	r06j

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.6	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.4 (0.0)
<i>olvi4*</i>	1.0	0.85	1.0 0.6
<i>cmyn4*</i>	0.0	0.15	0.0 0.4
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	60.58	12.99	-7.49
<i>LAB*LABa</i>	60.58	12.99	-7.49
<i>LAB*TCHa</i>	52.5	15.0	330.0
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.55	0.13	-0.074
<i>lab*tch</i>	0.525	0.15	0.917
<i>lab*nch</i>	0.4	0.15	0.917
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.55	0.108	-0.103
<i>lab*tce</i>	0.525	0.15	0.878
<i>lab*nce</i>	0.4	0.15	b51r

**B50R'**

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

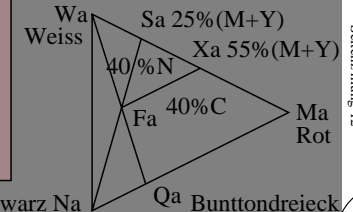
*olvi3\*Ma*: 1.0, 0.5, 0.0  
*tch\*Ma*: 0.5, 1.0, 0.167  
*ncw\*Ma*: 0.0, 1.0, 0.0

*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'**



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: *cmv0\*SRS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:  
 links: *olvi3\** (rgb) *setrgbcolor*  
 oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*  
 unten: *lab\*nch* *setcolor*  
*lab\*nch\**: 0.4, 0.15, 0.191

LAB\*LABx: 60.51, 4.13, 10.67

Eingabe-Farben:

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

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

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

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

**G50J'**

**J'**

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

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.525	0.525	0.525 (1.0)
<i>cmyn3*</i>	0.475	0.475	0.475 (0.0)
<i>olvi4*</i>	1.0	1.0	1.0 0.525
<i>cmyn4*</i>	0.0	0.0	0.0 0.475
<b>standard and adapted CIELAB</b>			
LAB*LAB	58.65	-0.27	2.28
LAB*LABa	58.65	0.0	0.0
LAB*TCHa	52.5	0.0	-
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

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

**B'**

**R50J'**

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

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

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

**B50R'**

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

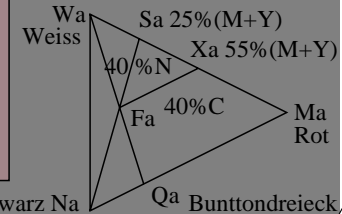
olvi3\*Ma: 1.0, 0.5, 0.0  
 tch\*Ma: 0.5, 1.0, 0.191  
 ncw\*Ma: 0.0, 1.0, 0.0

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'**



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

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

Transfer via: *cmv0\**ORS18 *setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\** *setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G00FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 1/6, Serie: 3/4, Seite: 1, Seitenzahl: 13

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\* (rgb) setrgbcolor*

oben: *cmyn3\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*

unten: *lab\*nch setcolor*

*lab\*nch\*: 0.4, 0.15, 0.195*

*LAB\*LABx: 53.68, 4.22, 11.65*

Eingabe-Farben:

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

Elementarbunton-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

**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*	0.51	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

**G50J'**

**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

**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	-

**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

**B'**

**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

**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

**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'**

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

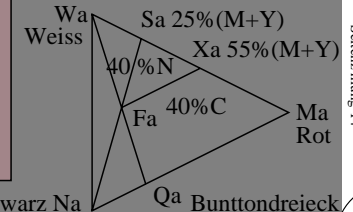
olvi3\*Ma: 1.0, 0.5, 0.0  
 tch\*Ma: 0.5, 1.0, 0.195  
 ncw\*Ma: 0.0, 1.0, 0.0

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'**



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

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

Transfer via: *cmv0\*TLS00 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G01FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 2/6, Serie: 3/4, Seite: 2, Seitenzahl: 14

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\** (rgb) *setrgbcolor*

oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*

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

Elementarblau-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

**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

**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

**G50J'**

**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

**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\** 0.51 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

**B'**

**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

**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

**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

**B50R'**

Alle Daten für Farbe R50J'

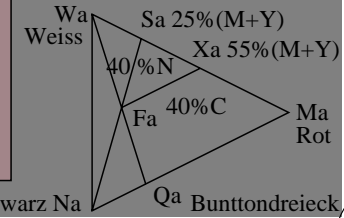
**R50J'**

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'**



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)  
 Annäherung: 4 Elementar- und 4 Zwischenfarben

Transfer via: *cmv0\**DRSxx *setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\** *setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G02FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 3/6, Serie: 3/4, Seite: 3  
 Scheitz hung 15

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\* (rgb) setrgbcolor*

oben: *cmyn3\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*

unten: *lab\*nch setcolor*

*lab\*nch\*: 0.4, 0.15, 0.192*

*LAB\*LABx: 61.05, 3.88, 10.15*

Eingabe-Farben:

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

Elementarbunton-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

**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\** 0.51 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

**G50J'**

**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

**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\** 0.51 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

**B'**

**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

**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

**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'**

Alle Daten für Farbe R50J'

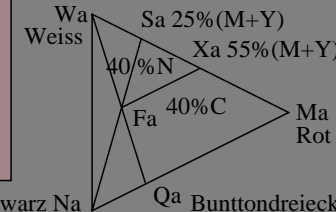
**R50J'**

*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'**



ME500-7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB\*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Bunton-Tabellen

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

Transfer via: *cmv0\*TLS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*



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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*

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

Elementarbunton-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

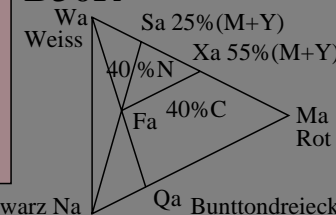
*olvi3\*Ma*: 1.0, 0.5, 0.0  
*tch\*Ma*: 0.5, 1.0, 0.167  
*ncw\*Ma*: 0.0, 1.0, 0.0

*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 0.0 -  
*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* 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

**G50J'**

**B'**

**B50R'**

Schwarz Na

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

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

Transfer via: *cmv0\*SLS00 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

Siehe ähnliche Dateien: <http://www.ps.bam.de/MG47/>  
 Technische Information: <http://www.ps.bam.de/Version 3.0, io=1,2; IORS; oORS; CIELAB>

BAM-Registrierung: 20050101-MG47/10S/S47G04FP.PS/.PDF BAM-Material: Code=th4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 5/6, Serie: 3/4, Seite: 5  
 Scheitz hung 17

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:  
 links: *olvi3\* (rgb) setrgbcolor*  
 oben: *cmyn3\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*  
 unten: *lab\*nch setcolor*  
*lab\*nch\*: 0.4, 0.15, 0.167*  
**LAB\*LABx: 58.65, 6.5, 11.25**

Eingabe-Farben:  
**G50B'**  
 C, V, M, O, OY, Y, YL, L

Elementarbunton-Referenz:  
**G50J'**  
 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

**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 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

**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

**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

**B'**

*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 -

**B50R'**

*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

**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

**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 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

**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

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'**

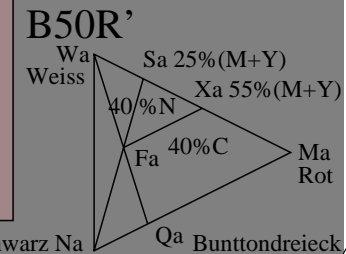
olvi3\*Fa: 0.6, 0.525, 0.45  
 tch\*Fa: 0.525, 0.15, 0.167  
 ncw\*Fa: 0.4, 0.15, 0.45

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



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

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

Transfer via: *cmv0\*SRS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G05FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen  
 /MG47/ Form: 06, Serie: 3/4, Seite: 6  
 Scheitz hung 18

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:  
 links: *olvi3\** (rgb) *setrgbcolor*  
 oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*  
 unten: *lab\*nce* *setcolor*  
*lab\*nce*: 0.4, 0.15, 0.162

LAB\*LABx: 60.51, 4.13, 10.67

Eingabe-Farben:

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.555	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.445	0.4	0.49 (0.0)
<i>olvi4*</i>	0.925	1.0	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.552	-0.074	0.13
<i>lab*tch</i>	0.525	0.15	0.333
<i>lab*nch</i>	0.4	0.15	0.333
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.552	-0.086	0.122
<i>lab*tce</i>	0.525	0.15	0.349
<i>lab*nce</i>	0.4	0.15	j39g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.49 (0.0)
<i>olvi4*</i>	0.85	1.0	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.514	-0.13	0.073
<i>lab*tch</i>	0.525	0.15	0.419
<i>lab*nch</i>	0.4	0.15	0.419
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.514	-0.144	0.038
<i>lab*tce</i>	0.525	0.15	0.46
<i>lab*nce</i>	0.4	0.15	j83g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.4 (0.0)
<i>olvi4*</i>	0.85	1.0	1.0 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.529	-0.083	-0.123
<i>lab*tch</i>	0.525	0.15	0.656
<i>lab*nch</i>	0.4	0.15	0.656
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.529	-0.073	-0.13
<i>lab*tce</i>	0.525	0.15	0.668
<i>lab*nce</i>	0.4	0.15	g67b

**G50J'**

**J'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.4	0.49 (0.0)
<i>olvi4*</i>	1.0	1.0	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.59	-0.016	0.149
<i>lab*tch</i>	0.525	0.15	0.268
<i>lab*nch</i>	0.4	0.15	0.268
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.59	-0.013	0.149
<i>lab*tce</i>	0.525	0.15	0.265
<i>lab*nce</i>	0.4	0.15	j05g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.525	0.525	0.525 (1.0)
<i>cmyn3*</i>	0.475	0.475	0.475 (0.0)
<i>olvi4*</i>	1.0	1.0	1.0 0.525
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.49	0.4 (0.0)
<i>olvi4*</i>	0.85	0.85	1.0 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.465	0.086	-0.122
<i>lab*tch</i>	0.525	0.15	0.847
<i>lab*nch</i>	0.4	0.15	0.847
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.465	0.067	-0.133
<i>lab*tce</i>	0.525	0.15	0.823
<i>lab*nce</i>	0.4	0.15	b29r

**B'**

**R50J'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.555	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.445	0.49 (0.0)
<i>olvi4*</i>	1.0	0.925	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.549	0.054	0.14
<i>lab*tch</i>	0.525	0.15	0.191
<i>lab*nch</i>	0.4	0.15	0.191
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.549	0.079	0.128
<i>lab*tce</i>	0.525	0.15	0.162
<i>lab*nce</i>	0.4	0.15	r64j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.49 (0.0)
<i>olvi4*</i>	1.0	0.85	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.508	0.119	0.092
<i>lab*tch</i>	0.525	0.15	0.105
<i>lab*nch</i>	0.4	0.15	0.105
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.508	0.144	0.042
<i>lab*tce</i>	0.525	0.15	0.046
<i>lab*nce</i>	0.4	0.15	r18j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.4 (0.0)
<i>olvi4*</i>	1.0	0.85	1.0 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.508	0.149	-0.016
<i>lab*tch</i>	0.525	0.15	0.982
<i>lab*nch</i>	0.4	0.15	0.982
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.508	0.136	-0.063
<i>lab*tce</i>	0.525	0.15	0.93
<i>lab*nce</i>	0.4	0.15	b72r

**B50R'**

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

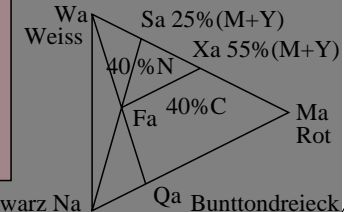
olvi3\*Ma: 1.0, 0.5, 0.0  
 tch\*Ma: 0.5, 1.0, 0.191  
 ncw\*Ma: 0.0, 1.0, 0.0

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'**



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

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

Transfer via: *cmv0\**ORS18 *setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\** *setcmkcolor*

BAM-Registrierung: 20050101-MG47/10S/S47G00FP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Messung von Drucker- oder Monitorsystemen

MG47/ Form: 1/6, Serie: 4/4, Seite: 1, Seitenzahl: 19

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\** (rgb) *setrgbcolor*

oben: *cmyn3\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.555	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.445	0.4	0.49	(0.0)
<i>olvi4*</i>	0.925	1.0	0.85	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.589	-0.077	0.128
<i>lab*tch</i>	0.525	0.15	0.337
<i>lab*nch</i>	0.4	0.15	0.337

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.589	-0.09	0.119
<i>lab*tce</i>	0.525	0.15	0.353
<i>lab*nce</i>	0.4	0.15	j41g

**J'**

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.6	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.4	0.49	(0.0)
<i>olvi4*</i>	1.0	1.0	0.85	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.596	-0.032	0.146
<i>lab*tch</i>	0.525	0.15	0.286
<i>lab*nch</i>	0.4	0.15	0.286

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.596	-0.034	0.146
<i>lab*tce</i>	0.525	0.15	0.288
<i>lab*nce</i>	0.4	0.15	j15g

**R50J'**

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.6	0.555	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.445	0.49	(0.0)
<i>olvi4*</i>	1.0	0.925	0.85	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.563	0.051	0.141
<i>lab*tch</i>	0.525	0.15	0.195
<i>lab*nch</i>	0.4	0.15	0.195

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.563	0.075	0.13
<i>lab*tce</i>	0.525	0.15	0.167
<i>lab*nce</i>	0.4	0.15	r66j

Alle Daten für Farbe R50J'

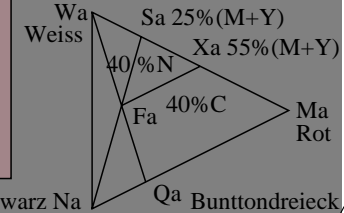
**R50J'**

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

**B50R'**



**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.51	0.6	0.51	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.49	(0.0)
<i>olvi4*</i>	0.85	1.0	0.85	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.581	-0.107	0.104
<i>lab*tch</i>	0.525	0.15	0.378
<i>lab*nch</i>	0.4	0.15	0.378

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.581	-0.124	0.083
<i>lab*tce</i>	0.525	0.15	0.406
<i>lab*nce</i>	0.4	0.15	j62g

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.525	0.525	0.525	(1.0)
<i>cmyn3*</i>	0.475	0.475	0.475	(0.0)
<i>olvi4*</i>	1.0	1.0	1.0	0.525
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.6	0.51	0.51	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.49	(0.0)
<i>olvi4*</i>	1.0	0.85	0.85	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.529	0.115	0.096
<i>lab*tch</i>	0.525	0.15	0.111
<i>lab*nch</i>	0.4	0.15	0.111

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.529	0.141	0.05
<i>lab*tce</i>	0.525	0.15	0.054
<i>lab*nce</i>	0.4	0.15	r21j

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.51	0.6	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.4	0.4	(0.0)
<i>olvi4*</i>	0.85	1.0	1.0	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.587	-0.143	-0.041
<i>lab*tch</i>	0.525	0.15	0.545
<i>lab*nch</i>	0.4	0.15	0.545

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.587	-0.131	-0.07
<i>lab*tce</i>	0.525	0.15	0.578
<i>lab*nce</i>	0.4	0.15	g31b

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.51	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.49	0.49	0.4	(0.0)
<i>olvi4*</i>	0.85	0.85	1.0	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.498	0.089	-0.12
<i>lab*tch</i>	0.525	0.15	0.851
<i>lab*nch</i>	0.4	0.15	0.851

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.498	0.069	-0.132
<i>lab*tce</i>	0.525	0.15	0.826
<i>lab*nce</i>	0.4	0.15	b30r

**relative Inform. Technology (IT)**

<i>olvi3*</i>	0.6	0.51	0.6	(1.0)
<i>cmyn3*</i>	0.4	0.49	0.4	(0.0)
<i>olvi4*</i>	1.0	0.85	1.0	0.6
<i>cmyn4*</i>	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\***

<i>lab*lab</i>	0.54	0.128	-0.078
<i>lab*tch</i>	0.525	0.15	0.912
<i>lab*nch</i>	0.4	0.15	0.912

**relative Natural Colour (NC)**

<i>lab*lrj</i>	0.54	0.106	-0.106
<i>lab*tce</i>	0.525	0.15	0.874
<i>lab*nce</i>	0.4	0.15	b49r

**G50J'**

**B'**

**B50R'**

Schwarz Na

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

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

Transfer via: *cmv0\**TLS00 *setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\** *setcmkcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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\** *setcmkcolor*

rechts: *cmyn4\** *setcmkcolor*  
 unten: *lab\*nce* *setcolor*  
*lab\*nce*: 0.4, 0.15, 0.162

**G50B'**  
 LAB\*LABx: 60.51, 4.13, 10.67

Eingabe-Farben:  
 C, V, M, O, OY, Y, YL, L

Elementarbunton-Referenz:  
 CIE-Testfarben 9 bis 12

**J50G'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.555	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.445	0.4	0.49 (0.0)
<i>olvi4*</i>	0.925	1.0	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.552	-0.074	0.13
<i>lab*tch</i>	0.525	0.15	0.333
<i>lab*nch</i>	0.4	0.15	0.333
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.552	-0.086	0.122
<i>lab*tce</i>	0.525	0.15	0.349
<i>lab*nce</i>	0.4	0.15	j39g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.49 (0.0)
<i>olvi4*</i>	0.85	1.0	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.514	-0.13	0.073
<i>lab*tch</i>	0.525	0.15	0.419
<i>lab*nch</i>	0.4	0.15	0.419
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.514	-0.144	0.038
<i>lab*tce</i>	0.525	0.15	0.46
<i>lab*nce</i>	0.4	0.15	j83g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.4 (0.0)
<i>olvi4*</i>	0.85	1.0	1.0 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.529	-0.083	-0.123
<i>lab*tch</i>	0.525	0.15	0.656
<i>lab*nch</i>	0.4	0.15	0.656
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.529	-0.073	-0.13
<i>lab*tce</i>	0.525	0.15	0.668
<i>lab*nce</i>	0.4	0.15	g67b

**G50J'**

**J'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.4	0.49 (0.0)
<i>olvi4*</i>	1.0	1.0	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.59	-0.016	0.149
<i>lab*tch</i>	0.525	0.15	0.268
<i>lab*nch</i>	0.4	0.15	0.268
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.59	-0.013	0.149
<i>lab*tce</i>	0.525	0.15	0.265
<i>lab*nce</i>	0.4	0.15	j05g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.525	0.525	0.525 (1.0)
<i>cmyn3*</i>	0.475	0.475	0.475 (0.0)
<i>olvi4*</i>	1.0	1.0	1.0 0.525
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.49	0.4 (0.0)
<i>olvi4*</i>	0.85	0.85	1.0 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.465	0.086	-0.122
<i>lab*tch</i>	0.525	0.15	0.847
<i>lab*nch</i>	0.4	0.15	0.847
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.465	0.067	-0.133
<i>lab*tce</i>	0.525	0.15	0.823
<i>lab*nce</i>	0.4	0.15	b29r

**B'**

**R50J'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.555	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.445	0.49 (0.0)
<i>olvi4*</i>	1.0	0.925	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.549	0.054	0.14
<i>lab*tch</i>	0.525	0.15	0.191
<i>lab*nch</i>	0.4	0.15	0.191
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.549	0.079	0.128
<i>lab*tce</i>	0.525	0.15	0.162
<i>lab*nce</i>	0.4	0.15	r64j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.49 (0.0)
<i>olvi4*</i>	1.0	0.85	0.85 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.508	0.119	0.092
<i>lab*tch</i>	0.525	0.15	0.105
<i>lab*nch</i>	0.4	0.15	0.105
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.508	0.144	0.042
<i>lab*tce</i>	0.525	0.15	0.046
<i>lab*nce</i>	0.4	0.15	r18j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.4 (0.0)
<i>olvi4*</i>	1.0	0.85	1.0 0.6
<i>cmyn4*</i>	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*			
<i>lab*lab</i>	0.508	0.149	-0.016
<i>lab*tch</i>	0.525	0.15	0.982
<i>lab*nch</i>	0.4	0.15	0.982
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.508	0.136	-0.063
<i>lab*tce</i>	0.525	0.15	0.93
<i>lab*nce</i>	0.4	0.15	b72r

**B50R'**

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

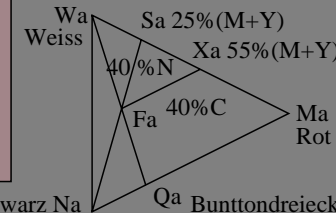
olvi3\*Ma: 1.0, 0.5, 0.0  
 tch\*Ma: 0.5, 1.0, 0.191  
 ncw\*Ma: 0.0, 1.0, 0.0

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'**



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

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

Transfer via: *cmv0\**DRSxx *setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\** *setcmkcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*

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

Elementarbunton-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

**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\** 0.51 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

**G50J'**

**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

**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\** 0.51 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

**B'**

**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

**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

**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'**

Alle Daten für Farbe R50J'

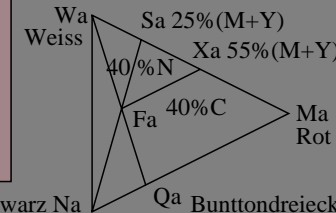
**R50J'**

*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'**



ME500-7, Approximation von Elementar- und Mittelfarben (8 Farben); Geräteunabhängige Farbkoordinaten *LAB\*TLS18* als Transfer-Eingabe; individuelle Farbberechnung ohne Bunton-Tabellen

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

Transfer via: *cmv0\*TLS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\* (rgb) setrgbcolor*

oben: *cmyn3\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*

unten: *lab\*nce setcolor*

*lab\*nce: 0.4, 0.15, 0.129*

*LAB\*LABx: 52.5, 6.5, 11.25*

Eingabe-Farben:

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

Elementarbunton-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

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

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

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

**G50J'**

**J'**

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

<b>relative Inform. Technology (IT)</b>			
<i>olvi3*</i>	0.525	0.525	0.525 (1.0)
<i>cmyn3*</i>	0.475	0.475	0.475 (0.0)
<i>olvi4*</i>	1.0	1.0	1.0 0.525
<i>cmyn4*</i>	0.0	0.0	0.0 0.475
<b>standard and adapted CIELAB</b>			
<i>LAB*LAB</i>	52.5	0.0	0.0
<i>LAB*LABa</i>	52.5	0.0	0.0
<i>LAB*TCHa</i>	52.5	0.0	-
<b>relative CIELAB lab*</b>			
<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-
<b>relative Natural Colour (NC)</b>			
<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

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

**B'**

**R50J'**

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

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

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

**B50R'**

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

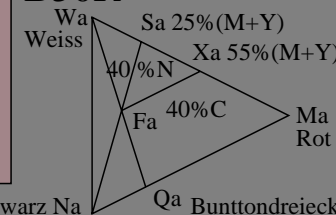
olvi3\*Ma: 1.0, 0.5, 0.0  
 tch\*Ma: 0.5, 1.0, 0.167  
 ncw\*Ma: 0.0, 1.0, 0.0

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'**



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

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

Transfer via: *cmv0\*SLS00 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*

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, 0.982, 0.949, 0.833  
 cmyn4\*Fa: 0.0, 0.018, 0.051, 0.16

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

PS-Farboperator-Ausgabe:

links: *olvi3\* (rgb) setrgbcolor*

oben: *cmyn3\* setcmkcolor*

rechts: *cmyn4\* setcmkcolor*

unten: *lab\*nce setcolor*

*lab\*nce: 0.4, 0.15, 0.129*

**LAB\*LABx: 58.65, 6.5, 11.25**

Eingabe-Farben:

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

Elementarblau-Referenz:

CIE-Testfarben 9 bis 12

**J50G'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.555	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.445	0.4	0.49 (0.0)
<i>olvi4*</i>	0.925	1.0	0.85 0.6
<i>cmyn4*</i>	0.075	0.0	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	58.65	-6.49	11.25
<i>LAB*LABa</i>	58.65	-6.49	11.25
<i>LAB*TCHa</i>	52.5	12.99	120.0
relative CIELAB lab*			
<i>lab*lab</i>	0.525	-0.074	0.13
<i>lab*tch</i>	0.525	0.15	0.333
<i>lab*nch</i>	0.4	0.15	0.333
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.525	-0.086	0.122
<i>lab*tce</i>	0.525	0.15	0.349
<i>lab*nce</i>	0.4	0.15	j39g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.49 (0.0)
<i>olvi4*</i>	0.85	1.0	0.85 0.6
<i>cmyn4*</i>	0.15	0.0	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	56.71	-12.98	7.5
<i>LAB*LABa</i>	56.71	-12.98	7.5
<i>LAB*TCHa</i>	52.5	15.0	150.0
relative CIELAB lab*			
<i>lab*lab</i>	0.5	-0.129	0.075
<i>lab*tch</i>	0.525	0.15	0.417
<i>lab*nch</i>	0.4	0.15	0.417
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.5	-0.143	0.041
<i>lab*tce</i>	0.525	0.15	0.456
<i>lab*nce</i>	0.4	0.15	j82g

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.6	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.4	0.4 (0.0)
<i>olvi4*</i>	0.85	1.0	1.0 0.6
<i>cmyn4*</i>	0.15	0.0	0.0 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	60.58	-12.98	-7.49
<i>LAB*LABa</i>	60.58	-12.98	-7.49
<i>LAB*TCHa</i>	52.5	15.0	210.0
relative CIELAB lab*			
<i>lab*lab</i>	0.55	-0.129	-0.074
<i>lab*tch</i>	0.525	0.15	0.583
<i>lab*nch</i>	0.4	0.15	0.583
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.55	-0.115	-0.094
<i>lab*tce</i>	0.525	0.15	0.609
<i>lab*nce</i>	0.4	0.15	g43b

**G50J'**

**J'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.6	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.4	0.49 (0.0)
<i>olvi4*</i>	1.0	1.0	0.85 0.6
<i>cmyn4*</i>	0.0	0.0	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	60.58	0.0	15.0
<i>LAB*LABa</i>	60.58	0.0	15.0
<i>LAB*TCHa</i>	52.5	15.0	90.0
relative CIELAB lab*			
<i>lab*lab</i>	0.55	0.0	0.15
<i>lab*tch</i>	0.525	0.15	0.25
<i>lab*nch</i>	0.4	0.15	0.25
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.55	0.008	0.15
<i>lab*tce</i>	0.525	0.15	0.241
<i>lab*nce</i>	0.4	0.15	r96j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.525	0.525	0.525 (1.0)
<i>cmyn3*</i>	0.475	0.475	0.475 (0.0)
<i>olvi4*</i>	1.0	1.0	1.0 0.525
<i>cmyn4*</i>	0.0	0.0	0.0 0.475
standard and adapted CIELAB			
<i>LAB*LAB</i>	58.65	0.0	0.0
<i>LAB*LABa</i>	58.65	0.0	0.0
<i>LAB*TCHa</i>	52.5	0.0	-
relative CIELAB lab*			
<i>lab*lab</i>	0.525	0.0	0.0
<i>lab*tch</i>	0.525	0.0	-
<i>lab*nch</i>	0.475	0.0	-
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.525	0.0	0.0
<i>lab*tce</i>	0.525	0.0	-
<i>lab*nce</i>	0.475	0.0	-

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.51	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.49	0.49	0.4 (0.0)
<i>olvi4*</i>	0.85	0.85	1.0 0.6
<i>cmyn4*</i>	0.15	0.15	0.0 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	56.71	0.0	-14.99
<i>LAB*LABa</i>	56.71	0.0	-14.99
<i>LAB*TCHa</i>	52.5	15.0	270.0
relative CIELAB lab*			
<i>lab*lab</i>	0.5	0.0	-0.149
<i>lab*tch</i>	0.525	0.15	0.75
<i>lab*nch</i>	0.4	0.15	0.75
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.5	-0.003	-0.149
<i>lab*tce</i>	0.525	0.15	0.746
<i>lab*nce</i>	0.4	0.15	g98b

**B'**

**R50J'**

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.555	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.445	0.49 (0.0)
<i>olvi4*</i>	1.0	0.925	0.85 0.6
<i>cmyn4*</i>	0.0	0.075	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	58.65	6.5	11.25
<i>LAB*LABa</i>	58.65	6.5	11.25
<i>LAB*TCHa</i>	52.5	12.99	60.0
relative CIELAB lab*			
<i>lab*lab</i>	0.525	0.075	0.13
<i>lab*tch</i>	0.525	0.15	0.167
<i>lab*nch</i>	0.4	0.15	0.167
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.525	0.103	0.109
<i>lab*tce</i>	0.525	0.15	0.129
<i>lab*nce</i>	0.4	0.15	r51j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.51 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.49 (0.0)
<i>olvi4*</i>	1.0	0.85	0.85 0.6
<i>cmyn4*</i>	0.0	0.15	0.15 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	56.71	12.99	7.5
<i>LAB*LABa</i>	56.71	12.99	7.5
<i>LAB*TCHa</i>	52.5	15.0	30.0
relative CIELAB lab*			
<i>lab*lab</i>	0.5	0.13	0.075
<i>lab*tch</i>	0.525	0.15	0.083
<i>lab*nch</i>	0.4	0.15	0.083
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.5	0.149	0.016
<i>lab*tce</i>	0.525	0.15	0.017
<i>lab*nce</i>	0.4	0.15	r06j

relative Inform. Technology (IT)			
<i>olvi3*</i>	0.6	0.51	0.6 (1.0)
<i>cmyn3*</i>	0.4	0.49	0.4 (0.0)
<i>olvi4*</i>	1.0	0.85	1.0 0.6
<i>cmyn4*</i>	0.0	0.15	0.0 0.4
standard and adapted CIELAB			
<i>LAB*LAB</i>	60.58	12.99	-7.49
<i>LAB*LABa</i>	60.58	12.99	-7.49
<i>LAB*TCHa</i>	52.5	15.0	330.0
relative CIELAB lab*			
<i>lab*lab</i>	0.55	0.13	-0.074
<i>lab*tch</i>	0.525	0.15	0.917
<i>lab*nch</i>	0.4	0.15	0.917
relative Natural Colour (NC)			
<i>lab*lrj</i>	0.55	0.108	-0.103
<i>lab*tce</i>	0.525	0.15	0.878
<i>lab*nce</i>	0.4	0.15	b51r

**B50R'**

Alle Daten für Farbe R50J'

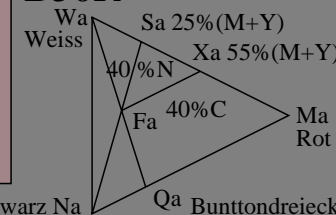
**R50J'**

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'**



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: *cmv0\*SRS18 setcmkcolor*  
 Ausgabe: *cmyn3\*/nnn0\* setcmkcolor*