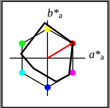
Siehe ähnliche Dateien: http://www.ps.bam.de/UG16/
Technische Information: http://www.ps.bam.de Version 2.1, io=0,1, CIEXYZ

**Eingabe: Farbmetrisches Reflexions-System MRS18a**
**für Buntton *h* = lab*h = 31/360 = 0.086***
***lab*tch* und *lab*nch***

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

**Dreiecks-Helligkeit *t****




**MRS18a; adaptierte CIELAB-Daten**

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

**%Umfang**
**u*rel = 92**
**%Regularität**
**g*H,rel = 42**
**g*C,rel = 49**

***relative* Inform. Technology (IT)**
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
***standard* and *adapted* CIELAB**
LAB*LAB 95.41 0.01 0.0
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 –
***relative* CIELAB *lab****
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 –
lab*nch 0.0 0.0 –
***relative* Natural Colour (NC)**
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 –
lab*ncE 0.0 0.0 –

***relative* Inform. Technology (IT)**
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 1.0
cmyn4* 0.0 0.5 0.5 0.0
***standard* and *adapted* CIELAB**
LAB*LAB 72.52 33.43 20.01
LAB*LABa 72.52 33.39 20.01
LAB*TCHa 75.0 38.93 30.93
***relative* CIELAB *lab****
lab*lab 0.704 0.429 0.257
lab*tch 0.75 0.5 0.086
lab*nch 0.0 0.5 0.086
***relative* Natural Colour (NC)**
lab*lrj 0.704 0.496 0.064
lab*tce 0.75 0.5 0.02
lab*ncE 0.0 0.5 r08j

***relative* Inform. Technology (IT)**
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
***standard* and *adapted* CIELAB**
LAB*LAB 56.71 0.05 0.0
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 –
***relative* CIELAB *lab****
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 –
lab*nch 0.5 0.0 –
***relative* Natural Colour (NC)**
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 –
lab*ncE 0.5 0.0 –

***relative* Inform. Technology (IT)**
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olvi4* 1.0 0.0 0.0 1.0
cmyn4* 0.0 1.0 1.0 0.0
***standard* and *adapted* CIELAB**
LAB*LAB 49.63 66.84 40.03
LAB*LABa 49.63 66.78 40.02
LAB*TCHa 50.0 77.85 30.93
***relative* CIELAB *lab****
lab*lab 0.409 0.858 0.514
lab*tch 0.5 1.0 0.086
lab*nch 0.0 1.0 0.086
***relative* Natural Colour (NC)**
lab*lrj 0.409 0.992 0.128
lab*tce 0.5 1.0 0.02
lab*ncE 0.0 1.0 r08j

***relative* Inform. Technology (IT)**
olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 1.0 (0.0)
olvi4* 1.0 0.5 0.5 0.5
cmyn4* 0.0 0.5 0.5 0.5
***standard* and *adapted* CIELAB**
LAB*LAB 33.82 33.47 20.03
LAB*LABa 33.82 33.39 20.01
LAB*TCHa 25.01 38.93 30.93
***relative* CIELAB *lab****
lab*lab 0.204 0.429 0.257
lab*tch 0.25 0.5 0.086
lab*nch 0.5 0.5 0.086
***relative* Natural Colour (NC)**
lab*lrj 0.204 0.496 0.064
lab*tce 0.25 0.5 0.02
lab*ncE 0.5 0.5 r08j

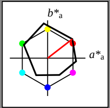
***relative* Inform. Technology (IT)**
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
***standard* and *adapted* CIELAB**
LAB*LAB 18.02 0.1 0.02
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 –
***relative* CIELAB *lab****
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 –
lab*nch 1.0 0.0 –
***relative* Natural Colour (NC)**
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 –
lab*ncE 1.0 0.0 –

*n** = 0,00
**Schwarzheit *n****
0,25 0,50 *n** = 0,50 0,75 1,00
**relative Buntheit *c****
*n** = 1,0

**Ausgabe: Farbmetrisches Reflexions-System ORS18**
**für Buntton *h* = lab*h = 38/360 = 0.105***
***lab*tch* und *lab*nch***

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

**Dreiecks-Helligkeit *t****




**ORS18; adaptierte CIELAB-Daten**

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

**%Umfang**
**u*rel = 93**
**%Regularität**
**g*H,rel = 57**
**g*C,rel = 59**

***relative* Inform. Technology (IT)**
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
***standard* and *adapted* CIELAB**
LAB*LAB 95.41 −0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 –
***relative* CIELAB *lab****
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 –
lab*nch 0.0 0.0 –
***relative* Natural Colour (NC)**
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 –
lab*ncE 0.0 0.0 –

***relative* Inform. Technology (IT)**
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 1.0
cmyn4* 0.0 0.5 0.5 0.0
***standard* and *adapted* CIELAB**
LAB*LAB 71.67 32.15 28.41
LAB*LABa 71.67 32.68 25.25
LAB*TCHa 75.0 41.3 37.7
***relative* CIELAB *lab****
lab*lab 0.693 0.396 0.306
lab*tch 0.75 0.5 0.105
lab*nch 0.0 0.5 0.105
***relative* Natural Colour (NC)**
lab*lrj 0.693 0.477 0.15
lab*tce 0.75 0.5 0.048
lab*ncE 0.0 0.5 r19j

***relative* Inform. Technology (IT)**
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
***standard* and *adapted* CIELAB**
LAB*LAB 56.71 −0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 –
***relative* CIELAB *lab****
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 –
lab*nch 0.5 0.0 –
***relative* Natural Colour (NC)**
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 –
lab*ncE 0.5 0.0 –

***relative* Inform. Technology (IT)**
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olvi4* 1.0 0.0 0.0 1.0
cmyn4* 0.0 1.0 1.0 0.0
***standard* and *adapted* CIELAB**
LAB*LAB 47.95 65.29 52.06
LAB*LABa 47.95 65.36 50.51
LAB*TCHa 50.0 82.6 37.7
***relative* CIELAB *lab****
lab*lab 0.387 0.791 0.611
lab*tch 0.5 1.0 0.105
lab*nch 0.0 1.0 0.105
***relative* Natural Colour (NC)**
lab*lrj 0.387 0.954 0.299
lab*tce 0.5 1.0 0.048
lab*ncE 0.0 1.0 r19j

***relative* Inform. Technology (IT)**
olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 1.0 (0.0)
olvi4* 1.0 0.5 0.5 0.5
cmyn4* 0.0 0.5 0.5 0.5
***standard* and *adapted* CIELAB**
LAB*LAB 32.98 32.9 25.8
LAB*LABa 32.98 32.68 25.25
LAB*TCHa 25.01 41.3 37.7
***relative* CIELAB *lab****
lab*lab 0.193 0.396 0.306
lab*tch 0.25 0.5 0.105
lab*nch 0.5 0.5 0.105
***relative* Natural Colour (NC)**
lab*lrj 0.193 0.477 0.15
lab*tce 0.25 0.5 0.048
lab*ncE 0.5 0.5 r19j

***relative* Inform. Technology (IT)**
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
***standard* and *adapted* CIELAB**
LAB*LAB 18.02 0.5 −0.46
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 –
***relative* CIELAB *lab****
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 –
lab*nch 1.0 0.0 –
***relative* Natural Colour (NC)**
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 –
lab*ncE 1.0 0.0 –

*n** = 0,00
**Schwarzheit *n****
0,25 0,50 *n** = 0,50 0,75 1,00
**relative Buntheit *c****
*n** = 1,0

BAM-Registrierung: 20060101-UG16/L16G00F1.PS/.TXT
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen,
BAM-Material: Code=rha4ta
Yr=2.5, XYZ
/UG16/ Form: 1/10, Serie: 1/1, Seite: 1
Seitenzählung 1

UG160−7, 3 stufige Reihen für konstanten CIELAB Buntton 31/360 = 0.086 (links) 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)