



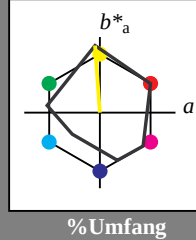
## Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton  $h^* = lab^*h = 94/360 = 0.261$

$lab^*ch$  und  $lab^*nch$

D65: Buntton J  
LCH\*Ma: 91 89 94  
rgb\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



### MRS18; adaptierte CIELAB-Daten

|                    | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------------------|-------------|---------|---------|--------------|--------------|
| RMa                | 49.63       | 66.96   | 38.37   | 77.18        | 30           |
| JMa                | 90.7        | -6.36   | 88.75   | 88.98        | 94           |
| GMa                | 52.11       | -69.73  | 9.44    | 70.37        | 172          |
| G50B <sub>Ma</sub> | 45.03       | -36.57  | -28.47  | 46.36        | 218          |
| B <sub>Ma</sub>    | 36.65       | 23.19   | -63.05  | 67.18        | 290          |
| B50R <sub>Ma</sub> | 34.94       | 57.17   | -44.26  | 72.31        | 322          |
| N <sub>Ma</sub>    | 18.01       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>    | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| RCIE               | 39.92       | 58.66   | 26.98   | 64.56        | 25           |
| JCIE               | 81.26       | -2.17   | 67.76   | 67.79        | 92           |
| GCIE               | 52.23       | -42.26  | 11.75   | 43.87        | 164          |
| BCIE               | 30.57       | 1.15    | -46.84  | 46.87        | 271          |

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| olvi3*  | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi4*  | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi5*  | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi6*  | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi7*  | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi8*  | 0.0 | 0.0 | 0.0 | (0.0) |
| olvi9*  | 1.0 | 1.0 | 1.0 | (1.0) |
| olvi10* | 0.0 | 0.0 | 0.0 | (0.0) |

standard and adapted CIELAB

|         |       |       |      |
|---------|-------|-------|------|
| LAB*LAB | 95.41 | -0.97 | 7.45 |
| LAB*LAB | 95.41 | 0.0   | 0.0  |
| LAB*LAB | 95.41 | 0.0   | 0.0  |
| LAB*LAB | 95.41 | 0.0   | 0.0  |
| LAB*LAB | 95.41 | 0.0   | 0.0  |
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| LAB*LAB | 95.41 | 0.0   | 0.0  |
| LAB*LAB | 95.41 | 0.0   | 0.0  |

relative CIELAB lab\*

|         |     |     |     |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |

relative Natural Colour (NC)

|         |     |     |     |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
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relative Natural Colour (NC)

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relative CIELAB lab\*

|         |     |     |     |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
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| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.0 | 0.0 | 0.0 |
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| lab*lab | 1.0 | 0.0 | 0.0 |

relative Natural Colour (NC)

|         |     |     |     |
|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
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relative CIELAB lab\*

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|---------|-----|-----|-----|
| lab*lab | 1.0 | 0.0 | 0.0 |
| lab*lab | 1.  |     |     |

## Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton  $h^* = lab^*h = 172/360 = 0.479$

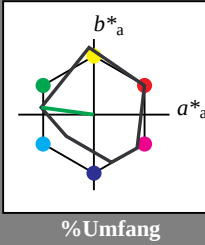
$lab^*ch$  und  $lab^*nch$

D65: Buntton G

LCH\*Ma: 52 70 172

rgb\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT)  
olvi3\* 1.0 1.0 1.0 (1.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 1.0 1.0 1.0 (1.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
LAB\*Lab 95.41 -0.97 4.75  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0  
LAB\*Lab 95.41 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 1.0 0.75 (1.0)  
olvi4\* 0.25 0.0 0.25 (0.0)  
olvi5\* 0.75 1.0 0.75 (1.0)  
olvi6\* 0.25 0.0 0.25 (0.0)  
olvi7\* 0.75 1.0 0.75 (1.0)  
LAB\*Lab 84.58 -18.19 6.39  
LAB\*Lab 84.58 -17.42 2.36  
LAB\*Lab 84.58 -17.42 2.36  
LAB\*Lab 84.58 -17.42 2.36

relative Inform. Technology (IT)  
olvi3\* 0.5 1.0 0.5 (1.0)  
olvi4\* 0.25 0.0 0.25 (0.0)  
olvi5\* 0.5 1.0 0.5 (1.0)  
olvi6\* 0.25 0.0 0.25 (0.0)  
olvi7\* 0.5 1.0 0.5 (1.0)  
LAB\*Lab 73.75 -35.42 8.02  
LAB\*Lab 73.75 -34.85 4.72  
LAB\*Lab 73.75 -34.85 4.72  
LAB\*Lab 73.75 -34.85 4.72

relative Inform. Technology (IT)  
olvi3\* 0.25 0.5 0.25 (0.5)  
olvi4\* 0.125 0.0 0.125 (0.0)  
olvi5\* 0.25 0.5 0.25 (0.5)  
olvi6\* 0.125 0.0 0.125 (0.0)  
olvi7\* 0.25 0.5 0.25 (0.5)  
LAB\*Lab 62.93 -52.64 9.65  
LAB\*Lab 62.93 -52.28 7.08  
LAB\*Lab 62.93 -52.28 7.08  
LAB\*Lab 62.93 -52.28 7.08

relative Inform. Technology (IT)  
olvi3\* 0.125 0.25 0.125 (0.25)  
olvi4\* 0.0625 0.0 0.0625 (0.0)  
olvi5\* 0.125 0.25 0.125 (0.25)  
olvi6\* 0.0625 0.0 0.0625 (0.0)  
olvi7\* 0.125 0.25 0.125 (0.25)  
LAB\*Lab 52.11 -69.86 11.28  
LAB\*Lab 52.11 -69.71 9.44  
LAB\*Lab 52.11 -69.71 9.44  
LAB\*Lab 52.11 -69.71 9.44

relative Inform. Technology (IT)  
olvi3\* 0.0625 0.125 0.0625 (0.125)  
olvi4\* 0.03125 0.0 0.03125 (0.0)  
olvi5\* 0.0625 0.125 0.0625 (0.125)  
olvi6\* 0.03125 0.0 0.03125 (0.0)  
olvi7\* 0.0625 0.125 0.0625 (0.125)  
LAB\*Lab 43.59 -27.84 3.34  
LAB\*Lab 43.59 -27.68 3.08  
LAB\*Lab 43.59 -27.68 3.08  
LAB\*Lab 43.59 -27.68 3.08

relative Inform. Technology (IT)  
olvi3\* 0.03125 0.0625 0.03125 (0.0625)  
olvi4\* 0.015625 0.0 0.015625 (0.0)  
olvi5\* 0.03125 0.0625 0.03125 (0.0625)  
olvi6\* 0.015625 0.0 0.015625 (0.0)  
olvi7\* 0.03125 0.0625 0.03125 (0.0625)  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72

relative Inform. Technology (IT)  
olvi3\* 0.015625 0.03125 0.015625 (0.03125)  
olvi4\* 0.0078125 0.0 0.0078125 (0.0)  
olvi5\* 0.015625 0.03125 0.015625 (0.03125)  
olvi6\* 0.0078125 0.0 0.0078125 (0.0)  
olvi7\* 0.015625 0.03125 0.015625 (0.03125)  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02

relative Inform. Technology (IT)  
olvi3\* 0.0078125 0.015625 0.0078125 (0.015625)  
olvi4\* 0.00390625 0.0 0.00390625 (0.0)  
olvi5\* 0.0078125 0.015625 0.0078125 (0.015625)  
olvi6\* 0.00390625 0.0 0.00390625 (0.0)  
olvi7\* 0.0078125 0.015625 0.0078125 (0.015625)  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63

relative Inform. Technology (IT)  
olvi3\* 0.00390625 0.0078125 0.00390625 (0.0078125)  
olvi4\* 0.001953125 0.0 0.001953125 (0.0)  
olvi5\* 0.00390625 0.0078125 0.00390625 (0.0078125)  
olvi6\* 0.001953125 0.0 0.001953125 (0.0)  
olvi7\* 0.00390625 0.0078125 0.00390625 (0.0078125)  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31

relative Inform. Technology (IT)  
olvi3\* 0.001953125 0.00390625 0.001953125 (0.00390625)  
olvi4\* 0.0009765625 0.0 0.0009765625 (0.0)  
olvi5\* 0.001953125 0.00390625 0.001953125 (0.00390625)  
olvi6\* 0.0009765625 0.0 0.0009765625 (0.0)  
olvi7\* 0.001953125 0.00390625 0.001953125 (0.00390625)  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (0.0)  
olvi5\* 0.75 0.75 0.75 (1.0)  
olvi6\* 0.25 0.25 0.25 (0.0)  
olvi7\* 0.75 0.75 0.75 (1.0)  
LAB\*Lab 76.06 -0.6 3.44  
LAB\*Lab 76.06 0.0 0.0  
LAB\*Lab 76.06 0.0 0.0  
LAB\*Lab 76.06 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.25 0.25 0.25 (0.0)  
olvi5\* 0.5 0.5 0.5 (1.0)  
olvi6\* 0.25 0.25 0.25 (0.0)  
olvi7\* 0.5 0.5 0.5 (1.0)  
LAB\*Lab 65.23 -17.83 5.08  
LAB\*Lab 65.23 -17.42 2.36  
LAB\*Lab 65.23 -17.42 2.36  
LAB\*Lab 65.23 -17.42 2.36

relative Inform. Technology (IT)  
olvi3\* 0.25 0.25 0.25 (0.5)  
olvi4\* 0.125 0.125 0.125 (0.0)  
olvi5\* 0.25 0.25 0.25 (0.5)  
olvi6\* 0.125 0.125 0.125 (0.0)  
olvi7\* 0.25 0.25 0.25 (0.5)  
LAB\*Lab 52.11 -69.86 11.28  
LAB\*Lab 52.11 -69.71 9.44  
LAB\*Lab 52.11 -69.71 9.44  
LAB\*Lab 52.11 -69.71 9.44

relative Inform. Technology (IT)  
olvi3\* 0.125 0.125 0.125 (0.25)  
olvi4\* 0.0625 0.0625 0.0625 (0.0)  
olvi5\* 0.125 0.125 0.125 (0.25)  
olvi6\* 0.0625 0.0625 0.0625 (0.0)  
olvi7\* 0.125 0.125 0.125 (0.25)  
LAB\*Lab 43.59 -27.84 3.34  
LAB\*Lab 43.59 -27.68 3.08  
LAB\*Lab 43.59 -27.68 3.08  
LAB\*Lab 43.59 -27.68 3.08

relative Inform. Technology (IT)  
olvi3\* 0.0625 0.0625 0.0625 (0.125)  
olvi4\* 0.03125 0.03125 0.03125 (0.0)  
olvi5\* 0.0625 0.0625 0.0625 (0.125)  
olvi6\* 0.03125 0.03125 0.03125 (0.0)  
olvi7\* 0.0625 0.0625 0.0625 (0.125)  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72

relative Inform. Technology (IT)  
olvi3\* 0.03125 0.03125 0.03125 (0.0625)  
olvi4\* 0.015625 0.015625 0.015625 (0.0)  
olvi5\* 0.03125 0.03125 0.03125 (0.0625)  
olvi6\* 0.015625 0.015625 0.015625 (0.0)  
olvi7\* 0.03125 0.03125 0.03125 (0.0625)  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02

relative Inform. Technology (IT)  
olvi3\* 0.015625 0.015625 0.015625 (0.03125)  
olvi4\* 0.0078125 0.0078125 0.0078125 (0.0)  
olvi5\* 0.015625 0.015625 0.015625 (0.03125)  
olvi6\* 0.0078125 0.0078125 0.0078125 (0.0)  
olvi7\* 0.015625 0.015625 0.015625 (0.03125)  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63

relative Inform. Technology (IT)  
olvi3\* 0.0078125 0.0078125 0.0078125 (0.015625)  
olvi4\* 0.00390625 0.00390625 0.00390625 (0.0)  
olvi5\* 0.0078125 0.0078125 0.0078125 (0.015625)  
olvi6\* 0.00390625 0.00390625 0.00390625 (0.0)  
olvi7\* 0.0078125 0.0078125 0.0078125 (0.015625)  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31

relative Inform. Technology (IT)  
olvi3\* 0.00390625 0.00390625 0.00390625 (0.0078125)  
olvi4\* 0.001953125 0.001953125 0.001953125 (0.0)  
olvi5\* 0.00390625 0.00390625 0.00390625 (0.0078125)  
olvi6\* 0.001953125 0.001953125 0.001953125 (0.0)  
olvi7\* 0.00390625 0.00390625 0.00390625 (0.0078125)  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16

relative Inform. Technology (IT)  
olvi3\* 0.001953125 0.001953125 0.001953125 (0.00390625)  
olvi4\* 0.0009765625 0.0009765625 0.0009765625 (0.0)  
olvi5\* 0.001953125 0.001953125 0.001953125 (0.00390625)  
olvi6\* 0.0009765625 0.0009765625 0.0009765625 (0.0)  
olvi7\* 0.001953125 0.001953125 0.001953125 (0.00390625)  
LAB\*Lab 11.01 -3.42 0.07  
LAB\*Lab 11.01 -3.42 0.07  
LAB\*Lab 11.01 -3.42 0.07  
LAB\*Lab 11.01 -3.42 0.07

relative Inform. Technology (IT)  
olvi3\* 0.0009765625 0.0009765625 0.0009765625 (0.001953125)  
olvi4\* 0.00048828125 0.00048828125 0.00048828125 (0.0)  
olvi5\* 0.0009765625 0.0009765625 0.0009765625 (0.001953125)  
olvi6\* 0.00048828125 0.00048828125 0.00048828125 (0.0)  
olvi7\* 0.0009765625 0.0009765625 0.0009765625 (0.001953125)  
LAB\*Lab 7.50 -2.13 0.01  
LAB\*Lab 7.50 -2.13 0.01  
LAB\*Lab 7.50 -2.13 0.01  
LAB\*Lab 7.50 -2.13 0.01

relative Inform. Technology (IT)  
olvi3\* 0.25 0.25 0.25 (1.0)  
olvi4\* 0.125 0.125 0.125 (0.0)  
olvi5\* 0.25 0.25 0.25 (1.0)  
olvi6\* 0.125 0.125 0.125 (0.0)  
olvi7\* 0.25 0.25 0.25 (1.0)  
LAB\*Lab 56.71 -0.23 2.14  
LAB\*Lab 56.71 0.0 0.0  
LAB\*Lab 56.71 0.0 0.0  
LAB\*Lab 56.71 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.125 0.125 0.125 (0.5)  
olvi4\* 0.0625 0.0625 0.0625 (0.0)  
olvi5\* 0.125 0.125 0.125 (0.5)  
olvi6\* 0.0625 0.0625 0.0625 (0.0)  
olvi7\* 0.125 0.125 0.125 (0.5)  
LAB\*Lab 45.88 -17.46 3.78  
LAB\*Lab 45.88 -17.42 2.36  
LAB\*Lab 45.88 -17.42 2.36  
LAB\*Lab 45.88 -17.42 2.36

relative Inform. Technology (IT)  
olvi3\* 0.0625 0.0625 0.0625 (0.25)  
olvi4\* 0.03125 0.03125 0.03125 (0.0)  
olvi5\* 0.0625 0.0625 0.0625 (0.25)  
olvi6\* 0.03125 0.03125 0.03125 (0.0)  
olvi7\* 0.0625 0.0625 0.0625 (0.25)  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72

relative Inform. Technology (IT)  
olvi3\* 0.03125 0.03125 0.03125 (0.125)  
olvi4\* 0.015625 0.015625 0.015625 (0.0)  
olvi5\* 0.03125 0.03125 0.03125 (0.125)  
olvi6\* 0.015625 0.015625 0.015625 (0.0)  
olvi7\* 0.03125 0.03125 0.03125 (0.125)  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02

relative Inform. Technology (IT)  
olvi3\* 0.015625 0.015625 0.015625 (0.0625)  
olvi4\* 0.0078125 0.0078125 0.0078125 (0.0)  
olvi5\* 0.015625 0.015625 0.015625 (0.0625)  
olvi6\* 0.0078125 0.0078125 0.0078125 (0.0)  
olvi7\* 0.015625 0.015625 0.015625 (0.0625)  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63

relative Inform. Technology (IT)  
olvi3\* 0.0078125 0.0078125 0.0078125 (0.03125)  
olvi4\* 0.00390625 0.00390625 0.00390625 (0.0)  
olvi5\* 0.0078125 0.0078125 0.0078125 (0.03125)  
olvi6\* 0.00390625 0.00390625 0.00390625 (0.0)  
olvi7\* 0.0078125 0.0078125 0.0078125 (0.03125)  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31  
LAB\*Lab 19.01 -8.56 0.31

relative Inform. Technology (IT)  
olvi3\* 0.00390625 0.00390625 0.00390625 (0.015625)  
olvi4\* 0.001953125 0.001953125 0.001953125 (0.0)  
olvi5\* 0.00390625 0.00390625 0.00390625 (0.015625)  
olvi6\* 0.001953125 0.001953125 0.001953125 (0.0)  
olvi7\* 0.00390625 0.00390625 0.00390625 (0.015625)  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16  
LAB\*Lab 15.00 -6.78 0.16

relative Inform. Technology (IT)  
olvi3\* 0.001953125 0.001953125 0.001953125 (0.0078125)  
olvi4\* 0.0009765625 0.0009765625 0.0009765625 (0.0)  
olvi5\* 0.001953125 0.001953125 0.001953125 (0.0078125)  
olvi6\* 0.0009765625 0.0009765625 0.0009765625 (0.0)  
olvi7\* 0.001953125 0.001953125 0.001953125 (0.0078125)  
LAB\*Lab 11.01 -3.42 0.07  
LAB\*Lab 11.01 -3.42 0.07  
LAB\*Lab 11.01 -3.42 0.07  
LAB\*Lab 11.01 -3.42 0.07

relative Inform. Technology (IT)  
olvi3\* 0.0009765625 0.0009765625 0.0009765625 (0.00390625)  
olvi4\* 0.00048828125 0.00048828125 0.00048828125 (0.0)  
olvi5\* 0.0009765625 0.0009765625 0.0009765625 (0.00390625)  
olvi6\* 0.00048828125 0.00048828125 0.00048828125 (0.0)  
olvi7\* 0.0009765625 0.0009765625 0.0009765625 (0.00390625)  
LAB\*Lab 7.50 -2.13 0.01  
LAB\*Lab 7.50 -2.13 0.01  
LAB\*Lab 7.50 -2.13 0.01  
LAB\*Lab 7.50 -2.13 0.01

relative Inform. Technology (IT)  
olvi3\* 0.00048828125 0.00048828125 0.00048828125 (0.001953125)  
olvi4\* 0.000244140625 0.000244140625 0.000244140625 (0.0)  
olvi5\* 0.00048828125 0.00048828125 0.00048828125 (0.001953125)  
olvi6\* 0.000244140625 0.000244140625 0.000244140625 (0.0)  
olvi7\* 0.00048828125 0.00048828125 0.00048828125 (0.001953125)  
LAB\*Lab 4.75 -1.07 0.01  
LAB\*Lab 4.75 -1.07 0.01  
LAB\*Lab 4.75 -1.07 0.01  
LAB\*Lab 4.75 -1.07 0.01

relative Inform. Technology (IT)  
olvi3\* 0.000244140625 0.000244140625 0.000244140625 (0.0009765625)  
olvi4\* 0.0001220703125 0.0001220703125 0.0001220703125 (0.0)  
olvi5\* 0.000244140625 0.000244140625 0.000244140625 (0.0009765625)  
olvi6\* 0.0001220703125 0.0001220703125 0.0001220703125 (0.0)  
olvi7\* 0.000244140625 0.000244140625 0.000244140625 (0.0009765625)  
LAB\*Lab 2.37 -0.54 0.01  
LAB\*Lab 2.37 -0.54 0.01  
LAB\*Lab 2.37 -0.54 0.01  
LAB\*Lab 2.37 -0.54 0.01

relative Inform. Technology (IT)  
olvi3\* 0.125 0.125 0.125 (1.0)  
olvi4\* 0.0625 0.0625 0.0625 (0.0)  
olvi5\* 0.125 0.125 0.125 (1.0)  
olvi6\* 0.0625 0.0625 0.0625 (0.0)  
olvi7\* 0.125 0.125 0.125 (1.0)  
LAB\*Lab 45.88 -17.46 3.78  
LAB\*Lab 45.88 -17.42 2.36  
LAB\*Lab 45.88 -17.42 2.36  
LAB\*Lab 45.88 -17.42 2.36

relative Inform. Technology (IT)  
olvi3\* 0.0625 0.0625 0.0625 (0.5)  
olvi4\* 0.03125 0.03125 0.03125 (0.0)  
olvi5\* 0.0625 0.0625 0.0625 (0.5)  
olvi6\* 0.03125 0.03125 0.03125 (0.0)  
olvi7\* 0.0625 0.0625 0.0625 (0.5)  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72  
LAB\*Lab 37.51 -22.77 1.72

relative Inform. Technology (IT)  
olvi3\* 0.03125 0.03125 0.03125 (0.25)  
olvi4\* 0.015625 0.015625 0.015625 (0.0)  
olvi5\* 0.03125 0.03125 0.03125 (0.25)  
olvi6\* 0.015625 0.015625 0.015625 (0.0)  
olvi7\* 0.03125 0.03125 0.03125 (0.25)  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02  
LAB\*Lab 30.06 -18.56 1.02

relative Inform. Technology (IT)  
olvi3\* 0.015625 0.015625 0.015625 (0.125)  
olvi4\* 0.0078125 0.0078125 0.0078125 (0.0)  
olvi5\* 0.015625 0.015625 0.015625 (0.125)  
olvi6\* 0.0078125 0.0078125 0.0078125 (0.0)  
olvi7\* 0.015625 0.015625 0.015625 (0.125)  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.02 -12.85 0.63  
LAB\*Lab 24.0

BAM-Registrierung: 20060101-UG53/10/L153G03NP.PS/.PDF BAM-Material: Code=th4a4a  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen  
/UG53/ Form: 4/10, Seite: 1/1, Seite: 4  
Seitenzahl: 4

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG53/>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0

Code=rha4ta

Seitenlung 4





## Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton  $h^* = lab^*h = 290/360 = 0.806$

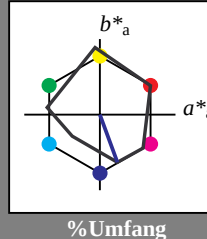
$lab^*ch$  und  $lab^*nch$

D65: Buntton B

LCH\*Ma: 37 67 290

rgb\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT)

olvi3\* 1.0 1.0 1.0 (1.0)

olvi4\* 1.0 1.0 1.0 (1.0)

olvi5\* 1.0 1.0 1.0 (1.0)

olvi6\* 1.0 1.0 1.0 (1.0)

olvi7\* 1.0 1.0 1.0 (1.0)

olvi8\* 1.0 1.0 1.0 (1.0)

olvi9\* 1.0 1.0 1.0 (1.0)

olvi10\* 1.0 1.0 1.0 (1.0)

olvi11\* 1.0 1.0 1.0 (1.0)

olvi12\* 1.0 1.0 1.0 (1.0)

olvi13\* 1.0 1.0 1.0 (1.0)

olvi14\* 1.0 1.0 1.0 (1.0)

olvi15\* 1.0 1.0 1.0 (1.0)

olvi16\* 1.0 1.0 1.0 (1.0)

olvi17\* 1.0 1.0 1.0 (1.0)

olvi18\* 1.0 1.0 1.0 (1.0)

olvi19\* 1.0 1.0 1.0 (1.0)

olvi20\* 1.0 1.0 1.0 (1.0)

olvi21\* 1.0 1.0 1.0 (1.0)

olvi22\* 1.0 1.0 1.0 (1.0)

olvi23\* 1.0 1.0 1.0 (1.0)

olvi24\* 1.0 1.0 1.0 (1.0)

olvi25\* 1.0 1.0 1.0 (1.0)

olvi26\* 1.0 1.0 1.0 (1.0)

olvi27\* 1.0 1.0 1.0 (1.0)

olvi28\* 1.0 1.0 1.0 (1.0)

olvi29\* 1.0 1.0 1.0 (1.0)

olvi30\* 1.0 1.0 1.0 (1.0)

olvi31\* 1.0 1.0 1.0 (1.0)

olvi32\* 1.0 1.0 1.0 (1.0)

olvi33\* 1.0 1.0 1.0 (1.0)

olvi34\* 1.0 1.0 1.0 (1.0)

olvi35\* 1.0 1.0 1.0 (1.0)

olvi36\* 1.0 1.0 1.0 (1.0)

olvi37\* 1.0 1.0 1.0 (1.0)

## MRS18; adaptierte CIELAB-Daten

|        | $L^*$ | $a^*$  | $b^*$  | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------|--------|--------|--------------|--------------|
| RMa    | 49.63 | 66.96  | 38.37  | 77.18        | 30           |
| JMa    | 90.7  | -6.36  | 88.75  | 88.98        | 94           |
| GMa    | 52.11 | -69.73 | 9.44   | 70.37        | 172          |
| G50BMa | 45.03 | -36.57 | -28.47 | 46.36        | 218          |
| BMa    | 36.65 | 23.19  | -63.05 | 67.18        | 290          |
| B50RMa | 34.94 | 57.17  | -44.26 | 72.31        | 322          |
| NMa    | 18.01 | 0.0    | 0.0    | 0.0          | 0            |
| WMa    | 95.41 | 0.0    | 0.0    | 0.0          | 0            |
| RCIE   | 39.92 | 58.66  | 26.98  | 64.56        | 25           |
| JCIE   | 81.26 | -2.17  | 67.76  | 67.79        | 92           |
| GCIE   | 52.23 | -42.26 | 11.75  | 43.87        | 164          |
| BCIE   | 30.57 | 1.15   | -46.84 | 46.87        | 271          |

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

## Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton  $h^* = lab^*h = 273/360 = 0.757$

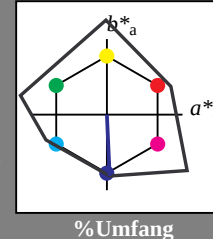
$lab^*ch$  und  $lab^*nch$

D65: Buntton B

LCH\*Ma: 49 81 273

rgb\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



relative Inform. Technology (IT)

olvi3\* 1.0 1.0 1.0 (1.0)

olvi4\* 1.0 1.0 1.0 (1.0)

olvi5\* 1.0 1.0 1.0 (1.0)

olvi6\* 1.0 1.0 1.0 (1.0)

olvi7\* 1.0 1.0 1.0 (1.0)

olvi8\* 1.0 1.0 1.0 (1.0)

olvi9\* 1.0 1.0 1.0 (1.0)

olvi10\* 1.0 1.0 1.0 (1.0)

olvi11\* 1.0 1.0 1.0 (1.0)

olvi12\* 1.0 1.0 1.0 (1.0)

olvi13\* 1.0 1.0 1.0 (1.0)

olvi14\* 1.0 1.0 1.0 (1.0)

olvi15\* 1.0 1.0 1.0 (1.0)

olvi16\* 1.0 1.0 1.0 (1.0)

olvi17\* 1.0 1.0 1.0 (1.0)

olvi18\* 1.0 1.0 1.0 (1.0)

olvi19\* 1.0 1.0 1.0 (1.0)

olvi20\* 1.0 1.0 1.0 (1.0)

olvi21\* 1.0 1.0 1.0 (1.0)

olvi22\* 1.0 1.0 1.0 (1.0)

olvi23\* 1.0 1.0 1.0 (1.0)

olvi24\* 1.0 1.0 1.0 (1.0)

olvi25\* 1.0 1.0 1.0 (1.0)

olvi26\* 1.0 1.0 1.0 (1.0)

olvi27\* 1.0 1.0 1.0 (1.0)

olvi28\* 1.0 1.0 1.0 (1.0)

olvi29\* 1.0 1.0 1.0 (1.0)

olvi30\* 1.0 1.0 1.0 (1.0)

olvi31\* 1.0 1.0 1.0 (1.0)

olvi32\* 1.0 1.0 1.0 (1.0)

olvi33\* 1.0 1.0 1.0 (1.0)

olvi34\* 1.0 1.0 1.0 (1.0)

olvi35\* 1.0 1.0 1.0 (1.0)

olvi36\* 1.0 1.0 1.0 (1.0)

olvi37\* 1.0 1.0 1.0 (1.0)

## NCS11; adaptierte CIELAB-Daten

|        | $L^*$ | $a^*$   | $b^*$  | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|--------|-------|---------|--------|--------------|--------------|
| RMa    | 47.15 | 84.64   | 37.25  | 92.48        | 24           |
| JMa    | 91.37 | -1.27   | 125.03 | 125.03       | 91           |
| GMa    | 63.07 | -114.28 | 25.35  | 117.06       | 167          |
| G50BMa | 59.47 | -80.6   | -33.45 | 87.28        | 203          |
| BMa    | 49.01 | 3.65    | -81.19 | 81.28        | 273          |
| B50RMa | 44.06 | 106.09  | -73.93 | 129.32       | 325          |
| NMa    | 10.99 | 0.0     | 0.0    | 0.0          | 0            |
| WMa    | 95.41 | 0.0     | 0.0    | 0.0          | 0            |
| RCIE   | 39.92 | 58.69   | 27.98  | 65.01        | 25           |
| JCIE   | 81.26 | -2.9    | 71.56  | 71.62        | 92           |
| GCIE   | 52.23 | -42.45  | 13.59  | 44.59        | 162          |
| BCIE   | 30.57 | 1.35    | -46.48 | 46.51        | 272          |

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

UG530-7, 5 stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.806 (links)

5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.757 (rechts)

BAM-Prüfvorlage UG53; Farbmetrik-Systeme MRS18 & NCS11input: cmy0\* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: no change compared to input











