



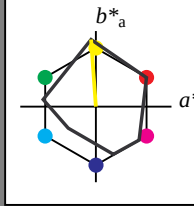
## Eingabe: Farbmetrisches Reflexions-System MRS18

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  $t^*$ 

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)

olvi38\* 1.0 1.0 1.0 (1.0)

olvi39\* 1.0 1.0 1.0 (1.0)

olvi40\* 1.0 1.0 1.0 (1.0)

olvi41\* 1.0 1.0 1.0 (1.0)

olvi42\* 1.0 1.0 1.0 (1.0)

olvi43\* 1.0 1.0 1.0 (1.0)

olvi44\* 1.0 1.0 1.0 (1.0)

olvi45\* 1.0 1.0 1.0 (1.0)

olvi46\* 1.0 1.0 1.0 (1.0)

olvi47\* 1.0 1.0 1.0 (1.0)

olvi48\* 1.0 1.0 1.0 (1.0)

olvi49\* 1.0 1.0 1.0 (1.0)

olvi50\* 1.0 1.0 1.0 (1.0)

olvi51\* 1.0 1.0 1.0 (1.0)

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olvi59\* 1.0 1.0 1.0 (1.0)

olvi60\* 1.0 1.0 1.0 (1.0)

olvi61\* 1.0 1.0 1.0 (1.0)

olvi62\* 1.0 1.0 1.0 (1.0)

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olvi64\* 1.0 1.0 1.0 (1.0)

olvi65\* 1.0 1.0 1.0 (1.0)

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olvi71\* 1.0 1.0 1.0 (1.0)

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olvi73\* 1.0 1.0 1.0 (1.0)

olvi74\* 1.0 1.0 1.0 (1.0)

olvi75\* 1.0 1.0 1.0 (1.0)

olvi76\* 1.0 1.0 1.0 (1.0)

olvi77\* 1.0 1.0 1.0 (1.0)

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olvi79\* 1.0 1.0 1.0 (1.0)

olvi80\* 1.0 1.0 1.0 (1.0)

olvi81\* 1.0 1.0 1.0 (1.0)

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olvi83\* 1.0 1.0 1.0 (1.0)

olvi84\* 1.0 1.0 1.0 (1.0)

olvi85\* 1.0 1.0 1.0 (1.0)

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olvi87\* 1.0 1.0 1.0 (1.0)

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olvi89\* 1.0 1.0 1.0 (1.0)

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olvi98\* 1.0 1.0 1.0 (1.0)

olvi99\* 1.0 1.0 1.0 (1.0)

olvi100\* 1.0 1.0 1.0 (1.0)

olvi101\* 1.0 1.0 1.0 (1.0)

olvi102\* 1.0 1.0 1.0 (1.0)

olvi103\* 1.0 1.0 1.0 (1.0)

olvi104\* 1.0 1.0 1.0 (1.0)

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olvi106\* 1.0 1.0 1.0 (1.0)

olvi107\* 1.0 1.0 1.0 (1.0)

olvi108\* 1.0 1.0 1.0 (1.0)

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olvi110\* 1.0 1.0 1.0 (1.0)

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olvi153\* 1.0 1.0 1.0 (1.0)

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olvi161\* 1.0 1.0 1.0 (1.0)

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olvi163\* 1.0 1.0 1.0 (1.0)

olvi164\* 1.0 1.0 1.0 (1.0)

olvi165\* 1.0 1.0 1.0 (1.0)

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olvi173\* 1.0 1.0 1.0 (1.0)

olvi174\* 1.0 1.0 1.0 (1.0)

olvi175\* 1.0 1.0 1.0 (1.0)

olvi176\* 1.0 1.0 1.0 (1.0)

olvi177\* 1.0 1.0 1.0 (1.0)

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olvi179\* 1.0 1.0 1.0 (1.0)

olvi180\* 1.0 1.0 1.0 (1.0)

olvi181\* 1.0 1.0 1.0 (1.0)

olvi182\* 1.0 1.0 1.0 (1.0)

olvi183\* 1.0 1.0 1.0 (1.0)

olvi184\* 1.0 1.0 1.0 (1.0)

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olvi191\* 1.0 1.0 1.0 (1.0)

olvi192\* 1.0 1.0 1.0 (1.0)

olvi193\* 1.0 1.0 1.0 (1.0)

olvi194\* 1.0 1.0 1.0 (1.0)

olvi195\* 1.0 1.0 1.0 (1.0)

olvi196\* 1.0 1.0 1.0 (1.0)

olvi197\* 1.0 1.0 1.0 (1.0)

olvi198\* 1.0 1.0 1.0 (1.0)

olvi199\* 1.0 1.0 1.0 (1.0)

olvi200\* 1.0 1.0 1.0 (1.0)

olvi201\* 1.0 1.0 1.0 (1.0)

olvi202\* 1.0 1.0 1.0 (1.0)

olvi203\* 1.0 1.0 1.0 (1.0)

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olvi205\* 1.0 1.0 1.0 (1.0)

olvi206\* 1.0 1.0 1.0 (1.0)

olvi207\* 1.0 1.0 1.0 (1.0)

olvi208\* 1.0 1.0 1.0 (1.0)

olvi209\* 1.0 1.0 1.0 (1.0)

olvi210\* 1.0 1.0 1.0 (1.0)

olvi211\* 1.0 1.0 1.0 (1.0)

olvi212\* 1.0 1.0 1.0 (1.0)

olvi213\* 1.0 1.0 1.0 (1.0)

olvi214\* 1.0 1.0 1.0 (1.0)

olvi215\* 1.0 1.0 1.0 (1.0)

olvi216\* 1.0 1.0 1.0 (1.0)

olvi217\* 1.0 1.0 1.0 (1.0)

olvi218\* 1.0 1.0 1.0 (1.0)

olvi219\* 1.0 1.0 1.0 (1.0)

olvi220\* 1.0 1.0 1.0 (1.0)

olvi221\* 1.0 1.0 1.0 (1.0)

olvi222\* 1.0 1.0 1.0 (1.0)

olvi223\* 1.0 1.0 1.0 (1.0)

olvi224\* 1.0 1.0 1.0 (1.0)

olvi225\* 1.0 1.0 1.0 (1.0)







## Eingabe: Farbmetrisches Reflexions-System MRS18

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

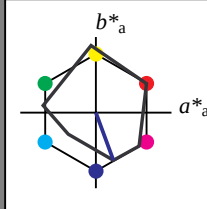
$lab^*ch$  und  $lab^*nch$

D65: Buntton B

LCH\*Ma: 37 67 290

rgb\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 91$

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) |
| LAB*LAB  | 95.41 | -0.97 | 4.75 |       |
| LAB*LAB  | 95.41 | 0.0   | 0.0  |       |
| LAB*TCRa | 99.99 | 0.01  | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 1.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 1.0 | 0.0 | 0.0 |  |
| lab*trc | 0.0 | 1.0 | 0.0 |  |
| lab*trn | 0.0 | 0.0 | 1.0 |  |

relative Inform. Technology (IT)

|          |       |      |      |       |
|----------|-------|------|------|-------|
| olvi3*   | 0.75  | 0.75 | 0.75 | (1.0) |
| cmyn3*   | 0.25  | 0.25 | 0.25 | (0.0) |
| olvi4*   | 1.0   | 1.0  | 1.0  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 76.06 | -0.6 | 3.44 |       |
| LAB*LAB  | 76.06 | 0.0  | 0.0  |       |
| LAB*TCRa | 75.00 | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*lab | 0.75 | 0.0  | 0.0  |  |
| lab*ch  | 0.0  | 0.75 | 0.0  |  |
| lab*nch | 0.0  | 0.0  | 0.75 |  |

relative Natural Colour (NC)

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*trj | 0.75 | 0.0  | 0.0  |  |
| lab*trc | 0.0  | 0.75 | 0.0  |  |
| lab*trn | 0.0  | 0.0  | 0.75 |  |

relative Inform. Technology (IT)

|          |       |      |      |       |
|----------|-------|------|------|-------|
| olvi3*   | 0.75  | 0.75 | 0.75 | (1.0) |
| cmyn3*   | 0.25  | 0.25 | 0.25 | (0.0) |
| olvi4*   | 1.0   | 1.0  | 1.0  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 76.06 | -0.6 | 3.44 |       |
| LAB*LAB  | 76.06 | 0.0  | 0.0  |       |
| LAB*TCRa | 75.00 | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*lab | 0.75 | 0.0  | 0.0  |  |
| lab*ch  | 0.0  | 0.75 | 0.0  |  |
| lab*nch | 0.0  | 0.0  | 0.75 |  |

relative Natural Colour (NC)

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*trj | 0.75 | 0.0  | 0.0  |  |
| lab*trc | 0.0  | 0.75 | 0.0  |  |
| lab*trn | 0.0  | 0.0  | 0.75 |  |

relative Inform. Technology (IT)

|          |       |      |      |       |
|----------|-------|------|------|-------|
| olvi3*   | 0.75  | 0.75 | 0.75 | (1.0) |
| cmyn3*   | 0.25  | 0.25 | 0.25 | (0.0) |
| olvi4*   | 1.0   | 1.0  | 1.0  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 76.06 | -0.6 | 3.44 |       |
| LAB*LAB  | 76.06 | 0.0  | 0.0  |       |
| LAB*TCRa | 75.00 | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*lab | 0.75 | 0.0  | 0.0  |  |
| lab*ch  | 0.0  | 0.75 | 0.0  |  |
| lab*nch | 0.0  | 0.0  | 0.75 |  |

relative Natural Colour (NC)

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*trj | 0.75 | 0.0  | 0.0  |  |
| lab*trc | 0.0  | 0.75 | 0.0  |  |
| lab*trn | 0.0  | 0.0  | 0.75 |  |

relative Inform. Technology (IT)

|          |       |      |      |       |
|----------|-------|------|------|-------|
| olvi3*   | 0.25  | 0.25 | 0.25 | (1.0) |
| cmyn3*   | 0.75  | 0.75 | 0.75 | (0.0) |
| olvi4*   | 1.0   | 1.0  | 1.0  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 37.36 | 0.0  | 0.83 |       |
| LAB*LAB  | 37.36 | 0.0  | 0.0  |       |
| LAB*TCRa | 25.00 | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*lab | 0.25 | 0.0  | 0.0  |  |
| lab*ch  | 0.0  | 0.25 | 0.0  |  |
| lab*nch | 0.0  | 0.0  | 0.25 |  |

relative Natural Colour (NC)

|         |      |      |      |  |
|---------|------|------|------|--|
| lab*trj | 0.25 | 0.0  | 0.0  |  |
| lab*trc | 0.0  | 0.25 | 0.0  |  |
| lab*trn | 0.0  | 0.0  | 0.25 |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 | 0.0 |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 | 0.0 |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 | 0.0 |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 | 0.0 |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 | 0.0 |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 | 0.0 |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 | 0.0 |  |

## 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          |
| 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

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

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

relative Inform. Technology (IT)

|          |       |       |        |       |
|----------|-------|-------|--------|-------|
| olvi3*   | 0.75  | 0.75  | 0.75   | (1.0) |
| cmyn3*   | 0.25  | 0.25  | 0.25   | (0.0) |
| olvi4*   | 1.0   | 1.0   | 1.0    | (1.0) |
| cmyn4*   | 0.0   | 0.0   | 0.0    | (0.0) |
| LAB*LAB  | 66.03 | 11.17 | -28.74 |       |
| LAB*LAB  | 66.03 | 11.17 | -28.74 |       |
| LAB*TCRa | 66.03 | 11.17 | -28.74 |       |

relative CIELAB lab\*

|         |      |       |        |  |
|---------|------|-------|--------|--|
| lab*lab | 0.62 | 0.173 | -0.468 |  |
| lab*ch  | 0.75 | 0.0   | 0.0    |  |
| lab*nch | 0.0  | 0.75  | 0.0    |  |

relative Natural Colour (NC)

|         |      |       |        |  |
|---------|------|-------|--------|--|
| lab*trj | 0.62 | 0.173 | -0.468 |  |
| lab*trc | 0.75 | 0.0   | 0.0    |  |
| lab*trn | 0.0  | 0.75  | 0.0    |  |

relative Inform. Technology (IT)

|          |       |       |        |       |
|----------|-------|-------|--------|-------|
| olvi3*   | 0.25  | 0.25  | 0.25   | (1.0) |
| cmyn3*   | 0.75  | 0.75  | 0.75   | (0.0) |
| olvi4*   | 1.0   | 1.0   | 1.0    | (1.0) |
| cmyn4*   | 0.0   | 0.0   | 0.0    | (0.0) |
| LAB*LAB  | 46.68 | 11.55 | -30.05 |       |
| LAB*LAB  | 46.68 | 11.55 | -30.05 |       |
| LAB*TCRa | 46.68 | 11.55 | -30.05 |       |

relative CIELAB lab\*

|         |      |       |        |  |
|---------|------|-------|--------|--|
| lab*lab | 0.37 | 0.173 | -0.468 |  |
| lab*ch  | 0.75 | 0.0   | 0.0    |  |
| lab*nch | 0.0  | 0.75  | 0.0    |  |

relative Natural Colour (NC)

|         |      |       |        |  |
|---------|------|-------|--------|--|
| lab*trj | 0.37 | 0.173 | -0.468 |  |
| lab*trc | 0.75 | 0.0   | 0.0    |  |
| lab*trn | 0.0  | 0.75  | 0.0    |  |

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    | (1.0) |
| cmyn4*   | 0.0   | 0.0   | 0.0    | (0.0) |
| LAB*LAB  | 27.34 | 11.59 | -31.51 |       |
| LAB*LAB  | 27.34 | 11.59 | -31.51 |       |
| LAB*TCRa | 27.34 | 11.59 | -31.51 |       |

relative CIELAB lab\*

|         |       |       |        |  |
|---------|-------|-------|--------|--|
| lab*lab | 0.31  | 0.086 | -0.234 |  |
| lab*ch  | 0.375 | 0.25  | 0.806  |  |
| lab*nch | 0.25  | 0.25  | 0.806  |  |

relative Natural Colour (NC)

|         |       |       |        |  |
|---------|-------|-------|--------|--|
| lab*trj | 0.31  | 0.086 | -0.234 |  |
| lab*trc | 0.375 | 0.25  | 0.806  |  |
| lab*trn | 0.25  | 0.25  | 0.806  |  |

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    | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0    | (0.0) |
| LAB*LAB  | 22.67 | 5.79 | -15.75 |       |
| LAB*LAB  | 22.67 | 5.79 | -15.75 |       |
| LAB*TCRa | 22.67 | 5.79 | -15.75 |       |

relative CIELAB lab\*

|         |       |       |        |  |
|---------|-------|-------|--------|--|
| lab*lab | 0.06  | 0.086 | -0.234 |  |
| lab*ch  | 0.125 | 0.25  | 0.806  |  |
| lab*nch | 0.25  | 0.25  | 0.806  |  |

relative Natural Colour (NC)

|         |       |       |        |  |
|---------|-------|-------|--------|--|
| lab*trj | 0.06  | 0.086 | -0.234 |  |
| lab*trc | 0.125 | 0.25  | 0.806  |  |
| lab*trn | 0.25  | 0.25  | 0.806  |  |

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  | (1.0) |
| cmyn4*   | 0.0   | 0.0  | 0.0  | (0.0) |
| LAB*LAB  | 18.02 | 0.0  | 0.46 |       |
| LAB*LAB  | 18.02 | 0.0  | 0.0  |       |
| LAB*TCRa | 0.01  | 0.01 | 0.0  |       |

relative CIELAB lab\*

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*lab | 0.0 | 0.0 | 0.0 |  |
| lab*ch  | 0.0 | 1.0 | 0.0 |  |
| lab*nch | 0.0 | 0.0 | 1.0 |  |

relative Natural Colour (NC)

|         |     |     |     |  |
|---------|-----|-----|-----|--|
| lab*trj | 0.0 | 1.0 | 0.0 |  |
| lab*trc | 0.0 | 0.0 | 1.0 |  |
| lab*trn | 0.0 | 0.0 |     |  |

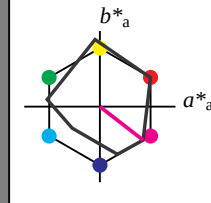
## Eingabe: Farbmatisches Reflexions-System MRS18

für Buntton  $h^* = lab^*h = 322/360 = 0.895$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton B50R

LCH\*Ma: 35 72 322

rgb\*Ma: 1.0 0.0 1.0

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)  
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)  
LAB\*LAB 95.41 -0.97 4.75  
LAB\*LABa 95.41 0.0 0.0  
LAB\*LABb 95.41 0.0 0.0  
LAB\*LABc 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  
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  
lab\*lab 1.0 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\*LABb 95.41 0.0 0.0  
LAB\*LABc 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  
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  
lab\*lab 1.0 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
cmyn3\* 0.25 0.25 0.25 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 76.06 -0.6 3.44  
LAB\*LABa 76.06 0.0 0.0  
LAB\*LABb 76.06 0.0 0.0  
LAB\*LABc 76.06 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 76.06 -0.6 3.44  
LAB\*LABa 76.06 0.0 0.0  
LAB\*LABb 76.06 0.0 0.0  
LAB\*LABc 76.06 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
cmyn3\* 0.25 0.25 0.25 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 56.71 -0.23 2.14  
LAB\*LABa 56.71 0.0 0.0  
LAB\*LABb 56.71 0.0 0.0  
LAB\*LABc 56.71 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 56.71 -0.23 2.14  
LAB\*LABa 56.71 0.0 0.0  
LAB\*LABb 56.71 0.0 0.0  
LAB\*LABc 56.71 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.25 0.25 0.25 (1.0)  
cmyn3\* 0.75 0.75 0.75 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 37.36 -0.13 0.83  
LAB\*LABa 37.36 0.0 0.0  
LAB\*LABb 37.36 0.0 0.0  
LAB\*LABc 37.36 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 37.36 -0.13 0.83  
LAB\*LABa 37.36 0.0 0.0  
LAB\*LABb 37.36 0.0 0.0  
LAB\*LABc 37.36 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0

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 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

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 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

UG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 322/360 = 0.895 (links)

BAM-Prüfvorlage UG54; Farbmatrik-Systeme ORS18 &amp; ORS18input: cmy0\* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen

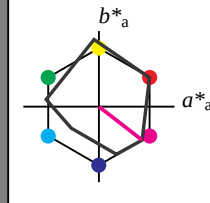
## Ausgabe: Farbmatisches Reflexions-System MRS18

für Buntton  $h^* = lab^*h = 322/360 = 0.895$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton B50R

LCH\*Ma: 35 72 322

rgb\*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit  $t^*$ 

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)  
LAB\*LAB 95.41 -0.97 4.75  
LAB\*LABa 95.41 0.0 0.0  
LAB\*LABb 95.41 0.0 0.0  
LAB\*LABc 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  
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  
lab\*lab 1.0 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\*LABb 95.41 0.0 0.0  
LAB\*LABc 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  
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  
lab\*lab 1.0 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
cmyn3\* 0.25 0.25 0.25 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 76.06 -0.6 3.44  
LAB\*LABa 76.06 0.0 0.0  
LAB\*LABb 76.06 0.0 0.0  
LAB\*LABc 76.06 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 76.06 -0.6 3.44  
LAB\*LABa 76.06 0.0 0.0  
LAB\*LABb 76.06 0.0 0.0  
LAB\*LABc 76.06 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0  
lab\*lab 0.75 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
cmyn3\* 0.25 0.25 0.25 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 56.71 -0.23 2.14  
LAB\*LABa 56.71 0.0 0.0  
LAB\*LABb 56.71 0.0 0.0  
LAB\*LABc 56.71 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 56.71 -0.23 2.14  
LAB\*LABa 56.71 0.0 0.0  
LAB\*LABb 56.71 0.0 0.0  
LAB\*LABc 56.71 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0  
lab\*lab 0.5 0.0 0.0

relative Inform. Technology (IT)  
olvi3\* 0.25 0.25 0.25 (1.0)  
cmyn3\* 0.75 0.75 0.75 (0.0)  
olvi4\* 1.0 1.0 1.0 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 37.36 -0.13 0.83  
LAB\*LABa 37.36 0.0 0.0  
LAB\*LABb 37.36 0.0 0.0  
LAB\*LABc 37.36 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 37.36 -0.13 0.83  
LAB\*LABa 37.36 0.0 0.0  
LAB\*LABb 37.36 0.0 0.0  
LAB\*LABc 37.36 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0  
lab\*lab 0.25 0.0 0.0

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 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

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 (1.0)  
cmyn4\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

standard and adapted CIELAB  
LAB\*LAB 18.02 0.0 0.0  
LAB\*LABa 18.02 0.0 0.0  
LAB\*LABb 18.02 0.0 0.0  
LAB\*LABc 18.02 0.0 0.0  
relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0  
lab\*lab 0.0 0.0 0.0

5 stufige Reihen für konstanten CIELAB Buntton 322/360 = 0.895 (rechts)

BAM-Prüfvorlage UG54; Farbmatrik-Systeme ORS18 &amp; ORS18input: cmy0\* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen

Output: Startup (S) data dependend

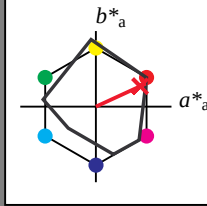
## Eingabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton R

LCH\*Ma: 48 73 25

rgb\*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 91$ 

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  |       |

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 |  |

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

standard and adapted CIELAB

|         |       |      |      |  |
|---------|-------|------|------|--|
| LAB*LAB | 76.06 | -0.6 | 3.44 |  |
| LAB*LAB | 76.06 | 0.0  | 0.0  |  |
| LAB*LAB | 76.06 | 0.0  | 0.0  |  |
| LAB*LAB | 76.06 | 0.0  | 0.0  |  |
| LAB*LAB | 76.06 | 0.0  | 0.0  |  |

relative CIELAB lab\*

|         |      |      |      |       |
|---------|------|------|------|-------|
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |

relative Natural Colour (NC)

|         |      |      |      |       |
|---------|------|------|------|-------|
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |
| lab*lab | 0.75 | 0.75 | 0.75 | (1.0) |

standard and adapted CIELAB

|         |       |       |      |  |
|---------|-------|-------|------|--|
| 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  |  |
| LAB*LAB | 56.71 | 0.0   | 0.0  |  |

relative CIELAB lab\*

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |

relative Natural Colour (NC)

|         |     |     |     |       |
|---------|-----|-----|-----|-------|
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |
| lab*lab | 0.5 | 0.5 | 0.5 | (1.0) |

standard and adapted CIELAB

|         |       |       |      |  |
|---------|-------|-------|------|--|
| LAB*LAB | 18.02 | 18.02 | 0.46 |  |
| LAB*LAB | 18.02 | 0.0   | 0.0  |  |
| LAB*LAB | 18.02 | 0.0   | 0.0  |  |
| LAB*LAB | 18.02 | 0.0   | 0.0  |  |
| LAB*LAB | 18.02 | 0.0   | 0.0  |  |

relative CIELAB lab\*

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

relative Natural Colour (NC)

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

## MRS18; adaptierte CIELAB-Daten

|                    | L*    | a*     | b*     | C*    | h*  |
|--------------------|-------|--------|--------|-------|-----|
| 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 | 0.5 | 0.548 | (1.0) |
| olvi4* | 0.0 | 0.5 | 0.548 | (1.0) |
| olvi5* | 1.0 | 0.5 | 0.548 | (1.0) |
| olvi6* | 0.0 | 0.5 | 0.548 | (1.0) |
| olvi7* | 0.0 | 0.5 | 0.548 | (1.0) |

relative CIELAB lab\*

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |

relative Natural Colour (NC)

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |

standard and adapted CIELAB

|         |      |      |       |  |
|---------|------|------|-------|--|
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |

relative CIELAB lab\*

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |

relative Natural Colour (NC)

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |

relative CIELAB lab\*

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |

relative Natural Colour (NC)

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |

standard and adapted CIELAB

|         |      |       |       |  |
|---------|------|-------|-------|--|
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |

relative Inform. Technology (IT)

|        |     |     |       |       |
|--------|-----|-----|-------|-------|
| olvi3* | 1.0 | 0.5 | 0.548 | (1.0) |
| olvi4* | 0.0 | 0.5 | 0.548 | (1.0) |
| olvi5* | 1.0 | 0.5 | 0.548 | (1.0) |
| olvi6* | 0.0 | 0.5 | 0.548 | (1.0) |
| olvi7* | 0.0 | 0.5 | 0.548 | (1.0) |

relative CIELAB lab\*

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |

relative Natural Colour (NC)

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |
| lab*lab | 0.695 | 0.548 | 0.209 |  |

standard and adapted CIELAB

|         |      |      |       |  |
|---------|------|------|-------|--|
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |
| LAB*LAB | 60.0 | 49.2 | 25.13 |  |

relative CIELAB lab\*

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |

relative Natural Colour (NC)

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |
| lab*lab | 0.543 | 0.681 | 0.313 |  |

standard and adapted CIELAB

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |
| LAB*LAB | 40.66 | 49.57 | 23.94 |  |

relative CIELAB lab\*

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |

relative Natural Colour (NC)

|         |       |       |       |  |
|---------|-------|-------|-------|--|
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |
| lab*lab | 0.293 | 0.681 | 0.313 |  |

standard and adapted CIELAB

|         |      |       |       |  |
|---------|------|-------|-------|--|
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |
| LAB*LAB | 31.1 | 32.21 | 15.74 |  |

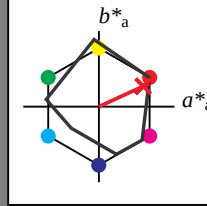
## Ausgabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton R

LCH\*Ma: 48 73 25

rgb\*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit  $t^*$ 

%Umfang

 $u^*_{rel} = 91$ 

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  |       |

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 |  |

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

standard and adapted CIELAB

|         |       |      |      |  |
|---------|-------|------|------|--|
| LAB*LAB | 76.06 | -0.6 | 3.44 |  |
| LAB*LAB | 76.06 | 0.0  | 0.0  |  |
| LAB*LAB | 76.06 | 0.0  | 0    |  |





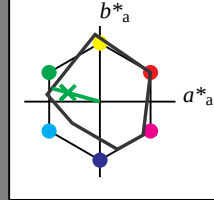
## Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton  $h^* = lab^*h = 164/360 = 0.457$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton G

LCH\*Ma: 56 66 164

rgb\*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit  $t^*$  $u^*_{rel} = 91$ 

%Umfang

relative Inform. Technology (IT)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

relative Natural Colour (NC)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB\*LAB 76.06 -0.6 3.44

LAB\*LAB 76.06 -0.6 3.44

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LAB\*LAB 76.06 -0.6 3.44

## 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

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

 $g^*_{H,rel} = 41$  $g^*_{C,rel} = 52$ 

relative Inform. Technology (IT)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

relative Natural Colour (NC)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB\*LAB 76.06 -0.6 3.44

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LAB\*LAB 76.06 -0.6 3.44

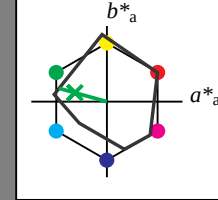
## Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton  $h^* = lab^*h = 164/360 = 0.457$  $lab^*ch$  und  $lab^*nch$ 

D65: Buntton G

LCH\*Ma: 56 66 164

rgb\*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit  $t^*$  $u^*_{rel} = 91$ 

%Umfang

relative Inform. Technology (IT)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

relative Natural Colour (NC)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB\*LAB 76.06 -0.6 3.44

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 $L^*=L^*_a$   $a^*_a$   $b^*_a$   $C^*_{ab,a}$   $h^*_{ab,a}$ 

RMa 49.63 66.96 38.37 77.18 30

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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

 $g^*_{H,rel} = 41$  $g^*_{C,rel} = 52$ 

relative Inform. Technology (IT)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

relative Natural Colour (NC)

lab\*lab 1.0 1.0 1.0 (1.0)

lab\*ch 1.0 0.0 0.0 (0.0)

lab\*nch 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB\*LAB 76.06 -0.6 3.44

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LAB\*LAB 76.06 -0.6 3.44

UG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

BAM-Prüfvorlage UG54; Farbmetrik-Systeme ORS18 & ORS18input:  $cmY0^* setcmykcolor$ 

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen

5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Material: Code=rh4ta

Output: Distiller Startup (S) data dependent

