



|   |   |   |   |   |   |
|---|---|---|---|---|---|
| C | M | Y | O | L | V |
|---|---|---|---|---|---|



## Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton  $h^* = lab^*h = 217/360 = 0.601$

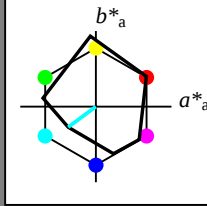
$lab^*ch$  und  $lab^*nch$

D65: Buntton G50B

LCH\*Ma: 45 46 217

rgb\*Ma: 0.0 1.0 1.0

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 0.01 0.0  
LAB\*LABa 95.41 0.01 0.0  
LAB\*LABb 95.41 0.01 0.0  
LAB\*LABc 95.41 0.01 0.0  
LAB\*LABd 95.41 0.01 0.0  
LAB\*LABe 95.41 0.01 0.0  
LAB\*LABf 95.41 0.01 0.0  
LAB\*LABg 95.41 0.01 0.0  
LAB\*LABh 95.41 0.01 0.0  
LAB\*LABi 95.41 0.01 0.0  
LAB\*LABj 95.41 0.01 0.0  
LAB\*LABk 95.41 0.01 0.0  
LAB\*LABl 95.41 0.01 0.0  
LAB\*LABm 95.41 0.01 0.0  
LAB\*LABn 95.41 0.01 0.0  
LAB\*LABo 95.41 0.01 0.0  
LAB\*LABp 95.41 0.01 0.0  
LAB\*LABq 95.41 0.01 0.0  
LAB\*LABr 95.41 0.01 0.0  
LAB\*LABs 95.41 0.01 0.0  
LAB\*LABt 95.41 0.01 0.0  
LAB\*LABu 95.41 0.01 0.0  
LAB\*LABv 95.41 0.01 0.0  
LAB\*LABw 95.41 0.01 0.0  
LAB\*LABx 95.41 0.01 0.0  
LAB\*LABy 95.41 0.01 0.0  
LAB\*LABz 95.41 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 1.0 1.0 (1.0)  
olvi4\* 0.25 0.0 0.0 (0.0)  
olvi5\* 0.75 1.0 1.0 (1.0)  
olvi6\* 0.25 0.0 0.0 (0.0)  
olvi7\* 0.75 1.0 1.0 (1.0)  
olvi8\* 0.25 0.0 0.0 (0.0)  
LAB\*LAB 82.81 -9.13 -6.77  
LAB\*LABa 82.81 -9.13 -6.77  
LAB\*LABb 82.81 -9.13 -6.77  
LAB\*LABc 82.81 -9.13 -6.77  
LAB\*LABd 82.81 -9.13 -6.77  
LAB\*LABe 82.81 -9.13 -6.77  
LAB\*LABf 82.81 -9.13 -6.77  
LAB\*LABg 82.81 -9.13 -6.77  
LAB\*LABh 82.81 -9.13 -6.77  
LAB\*LABi 82.81 -9.13 -6.77  
LAB\*LABj 82.81 -9.13 -6.77  
LAB\*LABk 82.81 -9.13 -6.77  
LAB\*LABl 82.81 -9.13 -6.77  
LAB\*LABm 82.81 -9.13 -6.77  
LAB\*LABn 82.81 -9.13 -6.77  
LAB\*LABo 82.81 -9.13 -6.77  
LAB\*LABp 82.81 -9.13 -6.77  
LAB\*LABq 82.81 -9.13 -6.77  
LAB\*LABr 82.81 -9.13 -6.77  
LAB\*LABs 82.81 -9.13 -6.77  
LAB\*LABt 82.81 -9.13 -6.77  
LAB\*LABu 82.81 -9.13 -6.77  
LAB\*LABv 82.81 -9.13 -6.77  
LAB\*LABw 82.81 -9.13 -6.77  
LAB\*LABx 82.81 -9.13 -6.77  
LAB\*LABy 82.81 -9.13 -6.77  
LAB\*LABz 82.81 -9.13 -6.77

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (0.0)  
olvi4\* 0.5 0.5 0.5 (0.0)  
olvi5\* 0.5 0.5 0.5 (0.0)  
olvi6\* 0.5 0.5 0.5 (0.0)  
olvi7\* 0.5 0.5 0.5 (0.0)  
olvi8\* 0.5 0.5 0.5 (0.0)  
LAB\*LAB 76.06 0.03 0.0  
LAB\*LABa 76.06 0.03 0.0  
LAB\*LABb 76.06 0.03 0.0  
LAB\*LABc 76.06 0.03 0.0  
LAB\*LABd 76.06 0.03 0.0  
LAB\*LABe 76.06 0.03 0.0  
LAB\*LABf 76.06 0.03 0.0  
LAB\*LABg 76.06 0.03 0.0  
LAB\*LABh 76.06 0.03 0.0  
LAB\*LABi 76.06 0.03 0.0  
LAB\*LABj 76.06 0.03 0.0  
LAB\*LABk 76.06 0.03 0.0  
LAB\*LABl 76.06 0.03 0.0  
LAB\*LABm 76.06 0.03 0.0  
LAB\*LABn 76.06 0.03 0.0  
LAB\*LABo 76.06 0.03 0.0  
LAB\*LABp 76.06 0.03 0.0  
LAB\*LABq 76.06 0.03 0.0  
LAB\*LABr 76.06 0.03 0.0  
LAB\*LABs 76.06 0.03 0.0  
LAB\*LABt 76.06 0.03 0.0  
LAB\*LABu 76.06 0.03 0.0  
LAB\*LABv 76.06 0.03 0.0  
LAB\*LABw 76.06 0.03 0.0  
LAB\*LABx 76.06 0.03 0.0  
LAB\*LABy 76.06 0.03 0.0  
LAB\*LABz 76.06 0.03 0.0

relative Inform. Technology (IT)  
olvi3\* 0.25 0.25 0.25 (0.0)  
olvi4\* 0.25 0.25 0.25 (0.0)  
olvi5\* 0.25 0.25 0.25 (0.0)  
olvi6\* 0.25 0.25 0.25 (0.0)  
olvi7\* 0.25 0.25 0.25 (0.0)  
olvi8\* 0.25 0.25 0.25 (0.0)  
LAB\*LAB 56.71 0.05 0.0  
LAB\*LABa 56.71 0.05 0.0  
LAB\*LABb 56.71 0.05 0.0  
LAB\*LABc 56.71 0.05 0.0  
LAB\*LABd 56.71 0.05 0.0  
LAB\*LABe 56.71 0.05 0.0  
LAB\*LABf 56.71 0.05 0.0  
LAB\*LABg 56.71 0.05 0.0  
LAB\*LABh 56.71 0.05 0.0  
LAB\*LABi 56.71 0.05 0.0  
LAB\*LABj 56.71 0.05 0.0  
LAB\*LABk 56.71 0.05 0.0  
LAB\*LABl 56.71 0.05 0.0  
LAB\*LABm 56.71 0.05 0.0  
LAB\*LABn 56.71 0.05 0.0  
LAB\*LABo 56.71 0.05 0.0  
LAB\*LABp 56.71 0.05 0.0  
LAB\*LABq 56.71 0.05 0.0  
LAB\*LABr 56.71 0.05 0.0  
LAB\*LABs 56.71 0.05 0.0  
LAB\*LABt 56.71 0.05 0.0  
LAB\*LABu 56.71 0.05 0.0  
LAB\*LABv 56.71 0.05 0.0  
LAB\*LABw 56.71 0.05 0.0  
LAB\*LABx 56.71 0.05 0.0  
LAB\*LABy 56.71 0.05 0.0  
LAB\*LABz 56.71 0.05 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 0.0 0.0 0.0 (0.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
olvi8\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 36.36 0.00 0.0  
LAB\*LABa 36.36 0.00 0.0  
LAB\*LABb 36.36 0.00 0.0  
LAB\*LABc 36.36 0.00 0.0  
LAB\*LABd 36.36 0.00 0.0  
LAB\*LABe 36.36 0.00 0.0  
LAB\*LABf 36.36 0.00 0.0  
LAB\*LABg 36.36 0.00 0.0  
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LAB\*LABl 36.36 0.00 0.0  
LAB\*LABm 36.36 0.00 0.0  
LAB\*LABn 36.36 0.00 0.0  
LAB\*LABo 36.36 0.00 0.0  
LAB\*LABp 36.36 0.00 0.0  
LAB\*LABq 36.36 0.00 0.0  
LAB\*LABr 36.36 0.00 0.0  
LAB\*LABs 36.36 0.00 0.0  
LAB\*LABt 36.36 0.00 0.0  
LAB\*LABu 36.36 0.00 0.0  
LAB\*LABv 36.36 0.00 0.0  
LAB\*LABw 36.36 0.00 0.0  
LAB\*LABx 36.36 0.00 0.0  
LAB\*LABy 36.36 0.00 0.0  
LAB\*LABz 36.36 0.00 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 0.0 0.0 0.0 (0.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
olvi8\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 18.18 0.00 0.0  
LAB\*LABa 18.18 0.00 0.0  
LAB\*LABb 18.18 0.00 0.0  
LAB\*LABc 18.18 0.00 0.0  
LAB\*LABd 18.18 0.00 0.0  
LAB\*LABe 18.18 0.00 0.0  
LAB\*LABf 18.18 0.00 0.0  
LAB\*LABg 18.18 0.00 0.0  
LAB\*LABh 18.18 0.00 0.0  
LAB\*LABi 18.18 0.00 0.0  
LAB\*LABj 18.18 0.00 0.0  
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LAB\*LABm 18.18 0.00 0.0  
LAB\*LABn 18.18 0.00 0.0  
LAB\*LABo 18.18 0.00 0.0  
LAB\*LABp 18.18 0.00 0.0  
LAB\*LABq 18.18 0.00 0.0  
LAB\*LABr 18.18 0.00 0.0  
LAB\*LABs 18.18 0.00 0.0  
LAB\*LABt 18.18 0.00 0.0  
LAB\*LABu 18.18 0.00 0.0  
LAB\*LABv 18.18 0.00 0.0  
LAB\*LABw 18.18 0.00 0.0  
LAB\*LABx 18.18 0.00 0.0  
LAB\*LABy 18.18 0.00 0.0  
LAB\*LABz 18.18 0.00 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 0.0 0.0 0.0 (0.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
olvi8\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 9.09 0.00 0.0  
LAB\*LABa 9.09 0.00 0.0  
LAB\*LABb 9.09 0.00 0.0  
LAB\*LABc 9.09 0.00 0.0  
LAB\*LABd 9.09 0.00 0.0  
LAB\*LABe 9.09 0.00 0.0  
LAB\*LABf 9.09 0.00 0.0  
LAB\*LABg 9.09 0.00 0.0  
LAB\*LABh 9.09 0.00 0.0  
LAB\*LABi 9.09 0.00 0.0  
LAB\*LABj 9.09 0.00 0.0  
LAB\*LABk 9.09 0.00 0.0  
LAB\*LABl 9.09 0.00 0.0  
LAB\*LABm 9.09 0.00 0.0  
LAB\*LABn 9.09 0.00 0.0  
LAB\*LABo 9.09 0.00 0.0  
LAB\*LABp 9.09 0.00 0.0  
LAB\*LABq 9.09 0.00 0.0  
LAB\*LABr 9.09 0.00 0.0  
LAB\*LABs 9.09 0.00 0.0  
LAB\*LABt 9.09 0.00 0.0  
LAB\*LABu 9.09 0.00 0.0  
LAB\*LABv 9.09 0.00 0.0  
LAB\*LABw 9.09 0.00 0.0  
LAB\*LABx 9.09 0.00 0.0  
LAB\*LABy 9.09 0.00 0.0  
LAB\*LABz 9.09 0.00 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 0.0 0.0 0.0 (0.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
olvi8\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 4.55 0.00 0.0  
LAB\*LABa 4.55 0.00 0.0  
LAB\*LABb 4.55 0.00 0.0  
LAB\*LABc 4.55 0.00 0.0  
LAB\*LABd 4.55 0.00 0.0  
LAB\*LABe 4.55 0.00 0.0  
LAB\*LABf 4.55 0.00 0.0  
LAB\*LABg 4.55 0.00 0.0  
LAB\*LABh 4.55 0.00 0.0  
LAB\*LABi 4.55 0.00 0.0  
LAB\*LABj 4.55 0.00 0.0  
LAB\*LABk 4.55 0.00 0.0  
LAB\*LABl 4.55 0.00 0.0  
LAB\*LABm 4.55 0.00 0.0  
LAB\*LABn 4.55 0.00 0.0  
LAB\*LABo 4.55 0.00 0.0  
LAB\*LABp 4.55 0.00 0.0  
LAB\*LABq 4.55 0.00 0.0  
LAB\*LABr 4.55 0.00 0.0  
LAB\*LABs 4.55 0.00 0.0  
LAB\*LABt 4.55 0.00 0.0  
LAB\*LABu 4.55 0.00 0.0  
LAB\*LABv 4.55 0.00 0.0  
LAB\*LABw 4.55 0.00 0.0  
LAB\*LABx 4.55 0.00 0.0  
LAB\*LABy 4.55 0.00 0.0  
LAB\*LABz 4.55 0.00 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 0.0 0.0 0.0 (0.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
olvi8\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 2.27 0.00 0.0  
LAB\*LABa 2.27 0.00 0.0  
LAB\*LABb 2.27 0.00 0.0  
LAB\*LABc 2.27 0.00 0.0  
LAB\*LABd 2.27 0.00 0.0  
LAB\*LABe 2.27 0.00 0.0  
LAB\*LABf 2.27 0.00 0.0  
LAB\*LABg 2.27 0.00 0.0  
LAB\*LABh 2.27 0.00 0.0  
LAB\*LABi 2.27 0.00 0.0  
LAB\*LABj 2.27 0.00 0.0  
LAB\*LABk 2.27 0.00 0.0  
LAB\*LABl 2.27 0.00 0.0  
LAB\*LABm 2.27 0.00 0.0  
LAB\*LABn 2.27 0.00 0.0  
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LAB\*LABr 2.27 0.00 0.0  
LAB\*LABs 2.27 0.00 0.0  
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LAB\*LABu 2.27 0.00 0.0  
LAB\*LABv 2.27 0.00 0.0  
LAB\*LABw 2.27 0.00 0.0  
LAB\*LABx 2.27 0.00 0.0  
LAB\*LABy 2.27 0.00 0.0  
LAB\*LABz 2.27 0.00 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 0.0 0.0 0.0 (0.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
olvi8\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 1.14 0.00 0.0  
LAB\*LABa 1.14 0.00 0.0  
LAB\*LABb 1.14 0.00 0.0  
LAB\*LABc 1.14 0.00 0.0  
LAB\*LABd 1.14 0.00 0.0  
LAB\*LABe 1.14 0.00 0.0  
LAB\*LABf 1.14 0.00 0.0  
LAB\*LABg 1.14 0.00 0.0  
LAB\*LABh 1.14 0.00 0.0  
LAB\*LABi 1.14 0.00 0.0  
LAB\*LABj 1.14 0.00 0.0  
LAB\*LABk 1.14 0.00 0.0  
LAB\*LABl 1.14 0.00 0.0  
LAB\*LABm 1.14 0.00 0.0  
LAB\*LABn 1.14 0.00 0.0  
LAB\*LABo 1.14 0.00 0.0  
LAB\*LABp 1.14 0.00 0.0  
LAB\*LABq 1.14 0.00 0.0  
LAB\*LABr 1.14 0.00 0.0  
LAB\*LABs 1.14 0.00 0.0  
LAB\*LABt 1.14 0.00 0.0  
LAB\*LABu 1.14 0.00 0.0  
LAB\*LABv 1.14 0.00 0.0  
LAB\*LABw 1.14 0.00 0.0  
LAB\*LABx 1.14 0.00 0.0  
LAB\*LABy 1.14 0.00 0.0  
LAB\*LABz 1.14 0.00 0.0

relative Inform. Technology (IT)  
olvi3\* 0.0 0.0 0.0 (0.0)  
olvi4\* 0.0 0.0 0.0 (0.0)  
olvi5\* 0.0 0.0 0.0 (0.0)  
olvi6\* 0.0 0.0 0.0 (0.0)  
olvi7\* 0.0 0.0 0.0 (0.0)  
olvi8\* 0.0 0.0 0.0 (0.0)  
LAB\*LAB 0.57 0.00 0.0  
LAB\*LABa 0.57 0.00 0.0  
LAB\*LABb 0.57 0.00 0.0  
LAB\*LABc 0.57 0.00 0.0  
LAB\*LABd 0.57 0.00 0.0  
LAB\*LABe 0.57 0.00 0.0  
LAB\*LABf 0.57 0.00 0.0  
LAB\*LABg 0.57 0.00 0.0  
LAB\*LABh 0.57 0.00 0.0  
LAB\*LABi 0.57 0.00 0.0  
LAB\*LABj 0.57 0.00 0.0  
LAB\*LABk 0.57 0.00 0.0  
LAB\*LABl 0.57 0.00 0.0  
LAB\*LABm 0.57 0.00 0.0  
LAB\*LABn 0.57 0.00 0.0  
LAB\*LABo 0.57 0.00 0.0  
LAB\*LABp 0.57 0.00 0.0  
LAB\*LABq 0.57 0.00 0.0  
LAB\*LABr 0.57 0.00 0.0  
LAB\*LABs 0.57 0.00 0.0  
LAB\*LABt 0.57 0.00 0.0  
LAB\*LABu 0.57 0.00 0.0  
LAB\*LABv 0.57 0.00 0.0  
LAB\*LABw 0.57 0.00 0.0  
LAB\*LABx 0.57 0.00 0.0  
LAB\*LABy 0.57 0.00 0.0  
LAB\*LABz 0.57 0.00 0.0

## 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          |

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 19$

%Umfang

$u^*_{rel} = 92$

%Regulärheit

$n^* = 0.00$

%Schwarzheit  $n^*$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit  $c^*$

$c^* = 0.00$

$c^* = 0.25$

$c^* = 0.50$

$c^* = 0.75$

$c^* = 1.00$

$c^* = 1.25$

$c^* = 1.50$

$c^* = 1.75$

$c^* = 2.00$

$c^* = 2.25$

$c^* = 2.50$

$c^* = 2.75$

$c^* = 3.00$

$c^* = 3.25$

$c^* = 3.50$

## Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 236/360 = 0.656$

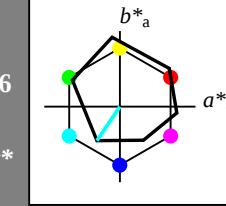
$lab^*ch$  und  $lab^*nch$

D65: Buntton C

LCH\*Ma: 59 54 236

rgb\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit  $t^*$



%Umfang

$u^*_{rel} = 93$

%Regulärheit

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Umfang

$u^*_{rel} = 93$

%Regulärheit

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Umfang

$u^*_{rel} = 93$

%Regulärheit

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Umfang

$u^*_{rel} = 93$

%Regulärheit

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Umfang

$u^*_{rel} = 93$

%Regulärheit

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Umfang

$u^*_{rel} = 93$

%Regulärheit

$g^*_{H,rel} = 57$

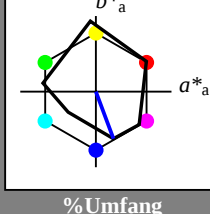
## Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton  $h^* = lab^*h = 290/360 = 0.807$

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

D65: Buntton B  
LCH\*Ma: 37 66 290  
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\* 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)  
standard and adapted CIELAB  
LAB\*LAB 95.41 0.01 0.0  
LAB\*LABa 95.41 0.01 0.0  
LAB\*LABb 95.41 0.01 0.0  
LAB\*LABc 95.41 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 95.41 0.01 0.0  
LAB\*LABa 95.41 0.01 0.0  
LAB\*LABb 95.41 0.01 0.0  
LAB\*LABc 95.41 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 76.06 0.03 0.0  
LAB\*LABa 76.06 0.03 0.0  
LAB\*LABb 76.06 0.03 0.0  
LAB\*LABc 76.06 0.03 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 66.03 0.11 0.0  
LAB\*LABa 66.03 0.11 0.0  
LAB\*LABb 66.03 0.11 0.0  
LAB\*LABc 66.03 0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 56.71 0.05 0.0  
LAB\*LABa 56.71 0.05 0.0  
LAB\*LABb 56.71 0.05 0.0  
LAB\*LABc 56.71 0.05 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 46.68 0.11 0.0  
LAB\*LABa 46.68 0.11 0.0  
LAB\*LABb 46.68 0.11 0.0  
LAB\*LABc 46.68 0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 37.26 0.11 0.0  
LAB\*LABa 37.26 0.11 0.0  
LAB\*LABb 37.26 0.11 0.0  
LAB\*LABc 37.26 0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 27.34 0.11 0.0  
LAB\*LABa 27.34 0.11 0.0  
LAB\*LABb 27.34 0.11 0.0  
LAB\*LABc 27.34 0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.01 0.0  
LAB\*LABa 18.02 0.01 0.0  
LAB\*LABb 18.02 0.01 0.0  
LAB\*LABc 18.02 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 9.01 0.01 0.0  
LAB\*LABa 9.01 0.01 0.0  
LAB\*LABb 9.01 0.01 0.0  
LAB\*LABc 9.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

## 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          |

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 66.03 0.11 0.0  
LAB\*LABa 66.03 0.11 0.0  
LAB\*LABb 66.03 0.11 0.0  
LAB\*LABc 66.03 0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 51.34 0.17 0.0  
LAB\*LABa 51.34 0.17 0.0  
LAB\*LABb 51.34 0.17 0.0  
LAB\*LABc 51.34 0.17 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 36.65 0.23 0.0  
LAB\*LABa 36.65 0.23 0.0  
LAB\*LABb 36.65 0.23 0.0  
LAB\*LABc 36.65 0.23 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 27.34 0.11 0.0  
LAB\*LABa 27.34 0.11 0.0  
LAB\*LABb 27.34 0.11 0.0  
LAB\*LABc 27.34 0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.01 0.0  
LAB\*LABa 18.02 0.01 0.0  
LAB\*LABb 18.02 0.01 0.0  
LAB\*LABc 18.02 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 9.01 0.01 0.0  
LAB\*LABa 9.01 0.01 0.0  
LAB\*LABb 9.01 0.01 0.0  
LAB\*LABc 9.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 0.01 0.0  
LAB\*LABa 0.01 0.01 0.0  
LAB\*LABb 0.01 0.01 0.0  
LAB\*LABc 0.01 0.01 0.0

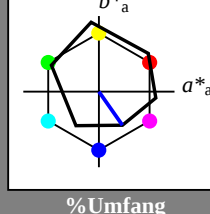
## Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 305/360 = 0.847$

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

D65: Buntton V  
LCH\*Ma: 26 54 305  
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\* 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)  
standard and adapted CIELAB  
LAB\*LAB 95.41 -0.97 4.75  
LAB\*LABa 95.41 -0.97 4.75  
LAB\*LABb 95.41 -0.97 4.75  
LAB\*LABc 95.41 -0.97 4.75

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 76.06 -0.6 3.44  
LAB\*LABa 76.06 -0.6 3.44  
LAB\*LABb 76.06 -0.6 3.44  
LAB\*LABc 76.06 -0.6 3.44

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 66.03 -0.11 0.0  
LAB\*LABa 66.03 -0.11 0.0  
LAB\*LABb 66.03 -0.11 0.0  
LAB\*LABc 66.03 -0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 56.71 -0.05 0.0  
LAB\*LABa 56.71 -0.05 0.0  
LAB\*LABb 56.71 -0.05 0.0  
LAB\*LABc 56.71 -0.05 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 46.68 -0.11 0.0  
LAB\*LABa 46.68 -0.11 0.0  
LAB\*LABb 46.68 -0.11 0.0  
LAB\*LABc 46.68 -0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 37.26 -0.11 0.0  
LAB\*LABa 37.26 -0.11 0.0  
LAB\*LABb 37.26 -0.11 0.0  
LAB\*LABc 37.26 -0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 27.34 -0.11 0.0  
LAB\*LABa 27.34 -0.11 0.0  
LAB\*LABb 27.34 -0.11 0.0  
LAB\*LABc 27.34 -0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 -0.01 0.0  
LAB\*LABa 18.02 -0.01 0.0  
LAB\*LABb 18.02 -0.01 0.0  
LAB\*LABc 18.02 -0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 9.01 -0.01 0.0  
LAB\*LABa 9.01 -0.01 0.0  
LAB\*LABb 9.01 -0.01 0.0  
LAB\*LABc 9.01 -0.01 0.0

relative Inform. Technology (IT)  
olvi3\* 0.75 0.75 0.75 (1.0)  
olvi4\* 0.25 0.25 0.25 (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)  
standard and adapted CIELAB  
LAB\*LAB 0.01 -0.01 0.0  
LAB\*LABa 0.01 -0.01 0.0  
LAB\*LABb 0.01 -0.01 0.0  
LAB\*LABc 0.01 -0.01 0.0

## 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          |
| 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

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 66.03 0.11 0.0  
LAB\*LABa 66.03 0.11 0.0  
LAB\*LABb 66.03 0.11 0.0  
LAB\*LABc 66.03 0.11 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5 0.5 0.5 (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)  
standard and adapted CIELAB  
LAB\*LAB 51.34 0.17 0.0  
LAB\*LABa 51.34 0.17 0.0  
LAB\*LABb 51.34 0.17 0.0  
LAB\*LABc 51.34 0.17 0.0

relative Inform. Technology (IT)  
olvi3\* 0.5 0.5 0.5 (1.0)  
olvi4\* 0.5



## Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton  $h^* = lab^*h = 25/360 = 0.071$

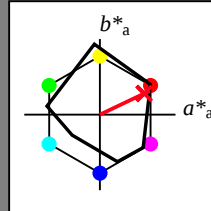
$lab^*ch$  und  $lab^*nch$

D65: Buntton R

LCH\*Ma: 48 73 25

rgb\*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit  $t^*$



%Umfang

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 0.01 0.0  
LAB\*LABb 99.99 0.01 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*ch 0.0 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 1.0 0.0 0.0  
lab\*trc 1.0 0.0 0.0  
lab\*ncc 0.0 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)  
standard and adapted CIELAB  
LAB\*LAB 76.06 0.03 0.0  
LAB\*LABa 76.06 0.03 0.0  
LAB\*LABb 75.00 0.01 0.0

relative CIELAB lab\*  
lab\*lab 0.847 0.226 0.108  
lab\*ch 0.875 0.25 0.071  
lab\*nch 0.0 0.25 0.071  
relative Natural Colour (NC)  
lab\*trj 0.847 0.25 0.0  
lab\*trc 0.875 0.25 0.0  
lab\*ncc 0.0 0.25 0.071

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)  
standard and adapted CIELAB  
LAB\*LAB 56.71 0.05 0.0  
LAB\*LABa 56.71 0.05 0.0  
LAB\*LABb 50.00 0.01 0.0

relative CIELAB lab\*  
lab\*lab 0.597 0.226 0.108  
lab\*ch 0.625 0.25 0.071  
lab\*nch 0.25 0.25 0.071  
relative Natural Colour (NC)  
lab\*trj 0.597 0.25 0.0  
lab\*trc 0.625 0.25 0.0  
lab\*ncc 0.25 0.25 0.071

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)  
standard and adapted CIELAB  
LAB\*LAB 37.36 0.13 0.01  
LAB\*LABa 37.36 0.13 0.01  
LAB\*LABb 25.00 0.01 0.0

relative CIELAB lab\*  
lab\*lab 0.347 0.226 0.108  
lab\*ch 0.375 0.25 0.071  
lab\*nch 0.75 0.25 0.071  
relative Natural Colour (NC)  
lab\*trj 0.347 0.25 0.0  
lab\*trc 0.375 0.25 0.0  
lab\*ncc 0.75 0.25 0.071

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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.10 0.02  
LAB\*LABa 18.02 0.10 0.02  
LAB\*LABb 12.50 0.01 0.01

relative CIELAB lab\*  
lab\*lab 0.097 0.226 0.108  
lab\*ch 0.125 0.25 0.071  
lab\*nch 0.75 0.25 0.071  
relative Natural Colour (NC)  
lab\*trj 0.097 0.25 0.0  
lab\*trc 0.125 0.25 0.0  
lab\*ncc 0.75 0.25 0.071

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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.10 0.02  
LAB\*LABa 18.02 0.10 0.02  
LAB\*LABb 12.50 0.01 0.01

relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*ch 0.0 0.0 0.0  
lab\*nch 1.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 0.0 0.0 0.0  
lab\*trc 0.0 0.0 0.0  
lab\*ncc 1.0 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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.10 0.02  
LAB\*LABa 18.02 0.10 0.02  
LAB\*LABb 12.50 0.01 0.01

relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*ch 0.0 0.0 0.0  
lab\*nch 1.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 0.0 0.0 0.0  
lab\*trc 0.0 0.0 0.0  
lab\*ncc 1.0 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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.10 0.02  
LAB\*LABa 18.02 0.10 0.02  
LAB\*LABb 12.50 0.01 0.01

relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*ch 0.0 0.0 0.0  
lab\*nch 1.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 0.0 0.0 0.0  
lab\*trc 0.0 0.0 0.0  
lab\*ncc 1.0 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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.10 0.02  
LAB\*LABa 18.02 0.10 0.02  
LAB\*LABb 12.50 0.01 0.01

relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*ch 0.0 0.0 0.0  
lab\*nch 1.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 0.0 0.0 0.0  
lab\*trc 0.0 0.0 0.0  
lab\*ncc 1.0 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)  
standard and adapted CIELAB  
LAB\*LAB 18.02 0.10 0.02  
LAB\*LABa 18.02 0.10 0.02  
LAB\*LABb 12.50 0.01 0.01

relative CIELAB lab\*  
lab\*lab 0.0 0.0 0.0  
lab\*ch 0.0 0.0 0.0  
lab\*nch 1.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 0.0 0.0 0.0  
lab\*trc 0.0 0.0 0.0  
lab\*ncc 1.0 0.0 0.0

## 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          |

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)

olvi3\* 1.0 0.5 0.552 (1.0)  
cmyn3\* 0.0 0.5 0.552 (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 71.76 32.94 15.69  
LAB\*LABa 71.76 32.94 15.69  
LAB\*LABb 75.00 36.45 25.49

relative CIELAB lab\*

lab\*lab 0.694 0.451 0.215  
lab\*ch 0.75 0.5 0.071  
lab\*nch 0.0 0.5 0.071  
relative Natural Colour (NC)  
lab\*trj 0.694 0.5 0.0  
lab\*trc 0.75 0.5 0.0  
lab\*ncc 0.0 0.5 0.071

relative Inform. Technology (IT)

olvi3\* 0.75 0.25 0.302 (1.0)  
cmyn3\* 0.25 0.75 0.698 (0.0)  
olvi4\* 1.0 0.5 0.552 (1.0)  
cmyn4\* 0.0 0.5 0.552 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 59.93 49.4 23.54  
LAB\*LABa 59.93 49.4 23.54  
LAB\*LABb 62.5 54.67 25.49

relative CIELAB lab\*

lab\*lab 0.542 0.677 0.323  
lab\*ch 0.625 0.75 0.071  
lab\*nch 0.0 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.542 0.75 0.0  
lab\*trc 0.625 0.75 0.0  
lab\*ncc 0.0 0.75 0.071

relative Inform. Technology (IT)

olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*

lab\*lab 0.389 0.902 0.43  
lab\*ch 0.5 1.0 0.071  
lab\*nch 0.0 1.0 0.071  
relative Natural Colour (NC)  
lab\*trj 0.389 1.0 0.0  
lab\*trc 0.5 1.0 0.0  
lab\*ncc 0.0 1.0 0.071

relative Inform. Technology (IT)

olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*

lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)

olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*

lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)

olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*

lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)

olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*

lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

## Ausgabe: Farbmetrisches Reflexions-System ORS18

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

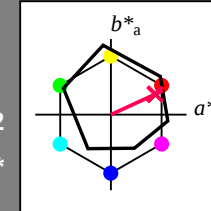
$lab^*ch$  und  $lab^*nch$

D65: Buntton R

LCH\*Ma: 48 75 25

rgb\*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit  $t^*$



%Umfang

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 0.01 0.0  
LAB\*LABb 99.99 0.01 0.0

relative CIELAB lab\*  
lab\*lab 1.0 0.0 0.0  
lab\*ch 0.0 0.0 0.0  
lab\*nch 0.0 0.0 0.0  
relative Natural Colour (NC)  
lab\*trj 1.0 0.0 0.0  
lab\*trc 1.0 0.0 0.0  
lab\*ncc 0.0 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)  
standard and adapted CIELAB  
LAB\*LAB 76.06 -0.6 3.44  
LAB\*LABa 76.06 0.03 0.0  
LAB\*LABb 75.00 0.01 0.0

relative CIELAB lab\*  
lab\*lab 0.847 0.227 0.104  
lab\*ch 0.875 0.25 0.069  
lab\*nch 0.0 0.25 0.069  
relative Natural Colour (NC)  
lab\*trj 0.847 0.25 0.0  
lab\*trc 0.875 0.25 0.0  
lab\*ncc 0.0 0.25 0.069

relative Inform. Technology (IT)  
olvi3\* 0.75 0.25 0.302 (1.0)  
cmyn3\* 0.25 0.75 0.698 (0.0)  
olvi4\* 1.0 0.5 0.552 (1.0)  
cmyn4\* 0.0 0.5 0.552 (0.0)  
standard and adapted CIELAB  
LAB\*LAB 59.93 49.4 23.54  
LAB\*LABa 59.93 49.4 23.54  
LAB\*LABb 62.5 54.67 25.49

relative CIELAB lab\*  
lab\*lab 0.542 0.677 0.323  
lab\*ch 0.625 0.75 0.071  
lab\*nch 0.0 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.542 0.75 0.0  
lab\*trc 0.625 0.75 0.0  
lab\*ncc 0.0 0.75 0.071

relative Inform. Technology (IT)  
olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*  
lab\*lab 0.389 0.902 0.43  
lab\*ch 0.5 1.0 0.071  
lab\*nch 0.0 1.0 0.071  
relative Natural Colour (NC)  
lab\*trj 0.389 1.0 0.0  
lab\*trc 0.5 1.0 0.0  
lab\*ncc 0.0 1.0 0.071

relative Inform. Technology (IT)  
olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*  
lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)  
olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*  
lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)  
olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*  
lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)  
olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*  
lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)  
olvi3\* 0.25 0.0 0.922 (0.0)  
cmyn3\* 0.75 0.0 0.922 (1.0)  
olvi4\* 1.0 0.25 0.328 (0.5)  
cmyn4\* 0.0 0.25 0.328 (0.5)  
standard and adapted CIELAB  
LAB\*LAB 48.11 65.86 31.39  
LAB\*LABa 48.11 65.86 31.39  
LAB\*LABb 50.00 72.9 25.49

relative CIELAB lab\*  
lab\*lab 0.292 0.677 0.323  
lab\*ch 0.375 0.75 0.071  
lab\*nch 0.25 0.75 0.071  
relative Natural Colour (NC)  
lab\*trj 0.292 0.75 0.0  
lab\*trc 0.375 0.75 0.0  
lab\*ncc 0.25 0.75 0.071

relative Inform. Technology (IT)



C M Y O L V

## Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton  $h^* = lab^*h = 272/360 = 0.755$

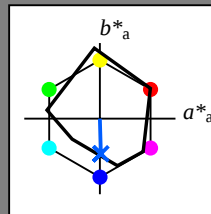
$lab^*ch$  und  $lab^*nch$

D65: Buntton B

LCH\*Ma: 40 49 272

rgb\*Ma: 0.0 0.36 1.0

Dreiecks-Helligkeit  $t^*$



$u^*_{rel} = 92$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

## 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          |

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

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$g^*_{C,rel} = 49$

%Regularität

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$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

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$g^*_{C,rel} = 49$

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$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

## Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton  $h^* = lab^*h = 271/360 = 0.754$

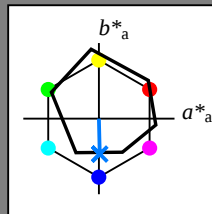
$lab^*ch$  und  $lab^*nch$

D65: Buntton B

LCH\*Ma: 42 45 271

rgb\*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit  $t^*$



$u^*_{rel} = 93$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

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$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

## 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          |

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

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$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

TG560-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)

BAM-Prüfvorlage TG56; Farbmetrik-Systeme ORS18 & ORS18 input:  $olv^* setrgbcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: Startup (S) data dependend