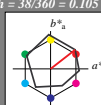


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntonn $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch und lab^*nch

D50: Buntonn O
 LCH*Ma: 48 82 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

ORS18; adaptierte CIELAB-Daten

$L^* - L^*_a$ a^*_a b^*_a C^*_a h^*_a

| | | | | | |
|-------------------|-------|--------|--------|-------|-----|
| O _M Ma | 47.94 | 65.05 | 50.54 | 82.38 | 38 |
| Y _M Ma | 91.0 | -4.72 | 90.58 | 90.7 | 93 |
| L _M Ma | 50.9 | -63.18 | 34.98 | 72.22 | 151 |
| C _M Ma | 56.99 | -39.34 | -44.1 | 62.19 | 231 |
| V _M Ma | 25.72 | 30.89 | -48.4 | 54.66 | 305 |
| M _M Ma | 49.99 | 75.76 | -4.64 | 75.9 | 356 |
| N _M Ma | 18.09 | 0.0 | 0.0 | 0.0 | 0 |
| W _M Ma | 95.46 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 41.88 | 61.66 | 30.69 | 68.88 | 26 |
| J _{CIE} | 81.97 | 2.02 | 67.79 | 67.82 | 88 |
| C _{CIE} | 51.62 | -41.32 | 9.74 | 42.46 | 167 |
| B _{CIE} | 29.2 | -5.79 | -49.61 | 49.96 | 263 |

%Regulartität

$g^*_{Hrel} = 65$

$g^*_{Crel} = 60$

relative Inform. Technology (IT)

| | | | | |
|------|-----|-----|-----|-----|
| abM* | 1.0 | 0.5 | 0.1 | 0.0 |
| abY* | 1.0 | 0.5 | 0.1 | 0.0 |
| abC* | 1.0 | 0.5 | 0.1 | 0.0 |
| abM | 0.0 | 1.0 | 0.5 | 0.1 |
| abY | 0.0 | 1.0 | 0.5 | 0.1 |
| abC | 0.0 | 0.0 | 1.0 | 0.5 |
| abM | 0.0 | 0.0 | 0.0 | 1.0 |
| abY | 0.0 | 0.0 | 0.0 | 1.0 |
| abC | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | | |
|------|-----|-----|-----|-----|
| abM* | 1.0 | 0.5 | 0.1 | 0.0 |
| abY* | 1.0 | 0.5 | 0.1 | 0.0 |
| abC* | 1.0 | 0.5 | 0.1 | 0.0 |
| abM | 0.0 | 1.0 | 0.5 | 0.1 |
| abY | 0.0 | 1.0 | 0.5 | 0.1 |
| abC | 0.0 | 0.0 | 1.0 | 0.5 |
| abM | 0.0 | 0.0 | 0.0 | 1.0 |
| abY | 0.0 | 0.0 | 0.0 | 1.0 |
| abC | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | | |
|------|-----|-----|-----|-----|
| abM* | 1.0 | 0.5 | 0.1 | 0.0 |
| abY* | 1.0 | 0.5 | 0.1 | 0.0 |
| abC* | 1.0 | 0.5 | 0.1 | 0.0 |
| abM | 0.0 | 1.0 | 0.5 | 0.1 |
| abY | 0.0 | 1.0 | 0.5 | 0.1 |
| abC | 0.0 | 0.0 | 1.0 | 0.5 |
| abM | 0.0 | 0.0 | 0.0 | 1.0 |
| abY | 0.0 | 0.0 | 0.0 | 1.0 |
| abC | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | | |
|------|-----|-----|-----|-----|
| abM* | 1.0 | 0.5 | 0.1 | 0.0 |
| abY* | 1.0 | 0.5 | 0.1 | 0.0 |
| abC* | 1.0 | 0.5 | 0.1 | 0.0 |
| abM | 0.0 | 1.0 | 0.5 | 0.1 |
| abY | 0.0 | 1.0 | 0.5 | 0.1 |
| abC | 0.0 | 0.0 | 1.0 | 0.5 |
| abM | 0.0 | 0.0 | 0.0 | 1.0 |
| abY | 0.0 | 0.0 | 0.0 | 1.0 |
| abC | 0.0 | 0.0 | 0.0 | 1.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

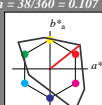
| | | | | |
|------|-----|-----|-----|-----|
| abM* | 1.0 | 0.5 | 0.1 | 0.0 |
| abY* | 1.0 | 0.5 | 0.1 | 0.0 |
| abC* | 1.0 | 0.5 | 0.1 | 0.0 |
| abM | 0.0 | 1.0 | 0.5 | 0.1 |
| abY | 0.0 | 1.0 | 0.5 | 0.1 |
| abC | 0.0 | 0.0 | 1.0 | 0.5 |
| abM | 0.0 | 0.0 | 0.0 | 1.0 |
| abY | 0.0 | 0.0 | 0.0 | 1.0 |
| abC | 0.0 | 0.0 | 0.0 | 1.0 |

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntonn $h^* = lab^*h = 38/360 = 0.107$
 lab^*tch und lab^*nch

D50: Buntonn O
 LCH*Ma: 54 101 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

relative Inform. Technology (IT)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

standard and adapted CIEAB

| | | | |
|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0.0 |
| abM | 0.0 | 1.0 | 0.0 |
| abY | 0.0 | 1.0 | 0.0 |
| abC | 0.0 | 0.0 | 1.0 |
| abM | 0.0 | 0.0 | 0.0 |
| abY | 0.0 | 0.0 | 0.0 |
| abC | 0.0 | 0.0 | 0.0 |

standard and adapted CIEAB

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|---------|------|------|------|
| LAP*LAB | 0.51 | 0.29 | 0.48 |
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| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |
| LAP*LAB | 0.51 | 0.29 | 0.48 |

relative Natural Colour (NC)

| | | | |
|------|-----|-----|-----|
| abM* | 1.0 | 0.0 | 0.0 |
| abY* | 1.0 | 0.0 | 0.0 |
| abC* | 1.0 | 0.0 | 0. |