

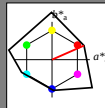
## Input: Colorimetric Reflective System NCS11

for hue  $h^* = lab^*h = 24/360 = 0.066$  $lab^*ch$  and  $lab^*nch$ 

D65: hue R

LCH\*Ma: 47 92 24

rgb\*Ma: 1.0 0.0 0.0

triangle lightness  $t^*$ 

## NCS11; adapted (a) CIELAB data

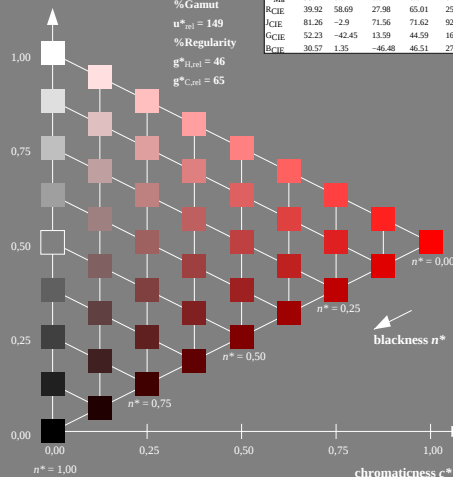
 $L^*=L^*_a$   $a^*_a$   $b^*_a$   $C^*_{ab,a}$   $h^*_{ab,a}$ 

|                    |       |         |        |        |     |
|--------------------|-------|---------|--------|--------|-----|
| R <sub>Ma</sub>    | 47.15 | 84.64   | 37.25  | 92.48  | 24  |
| J <sub>Ma</sub>    | 91.37 | -1.27   | 125.03 | 125.03 | 91  |
| G <sub>Ma</sub>    | 63.07 | -114.28 | 25.35  | 117.06 | 167 |
| G50B <sub>Ma</sub> | 59.47 | -80.6   | -33.45 | 87.28  | 203 |
| B <sub>Ma</sub>    | 49.01 | 3.65    | -81.19 | 81.28  | 273 |
| B50R <sub>Ma</sub> | 44.06 | 106.09  | -73.93 | 129.32 | 325 |
| N <sub>Ma</sub>    | 10.99 | 0.0     | 0.0    | 0.0    | 0   |
| W <sub>Ma</sub>    | 95.41 | 0.0     | 0.0    | 0.0    | 0   |
| R <sub>CIE</sub>   | 39.92 | 58.69   | 27.98  | 65.01  | 25  |
| J <sub>CIE</sub>   | 81.26 | -2.9    | 71.56  | 71.62  | 92  |
| G <sub>CIE</sub>   | 52.23 | -42.45  | 13.59  | 44.59  | 162 |
| B <sub>CIE</sub>   | 30.57 | 1.35    | -46.48 | 46.51  | 272 |

%Gamut

 $u^*_{rel} = 149$ 

%Regularity

 $g^*_{H,rel} = 46$  $g^*_{C,rel} = 65$ 

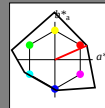
## Output: Colorimetric Reflective System NCS11

for hue  $h^* = lab^*h = 24/360 = 0.066$  $lab^*ch$  and  $lab^*nch$ 

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rgb\*Ma: 1.0 0.0 0.0

triangle lightness  $t^*$ 

## NCS11; adapted (a) CIELAB data

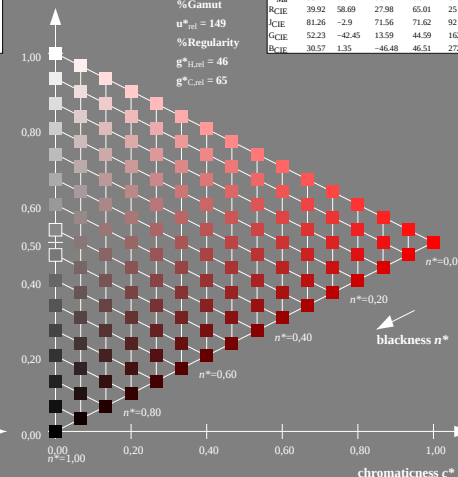
 $L^*=L^*_a$   $a^*_a$   $b^*_a$   $C^*_{ab,a}$   $h^*_{ab,a}$ 

|                    |       |         |        |        |     |
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TE790-7, 9 step scales for constant CIELAB hue 24/360 = 0.066 (left)

16 step scales for constant CIELAB hue 24/360 = 0.066 (right)

BAM-test chart TE79; Colorimetric systems NCS11a & NCS11a input:  $olv^*setrgbcolor$   
D65: 9 and 16 step colour scales for 10 hues

output: no change compared to input