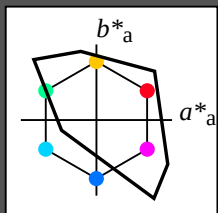


# Input: Colorimetric Television Luminous System TLS00a

with *rgb* data of the  
four elementary hues

1 0 0 = Red  $R_e$   
1 1 0 = Yellow  $Y_e$   
0 1 0 = Green  $G_e$   
0 0 1 = Blue  $B_e$



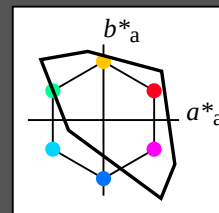
|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| $Y_{Ma}$  | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| $L_{Ma}$  | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| $C_{Ma}$  | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| $V_{Ma}$  | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| $M_{Ma}$  | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| $N_{Ma}$  | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.46  | 46.49        | 272          |

# Output: Colorimetric Television Luminous System TLS00a

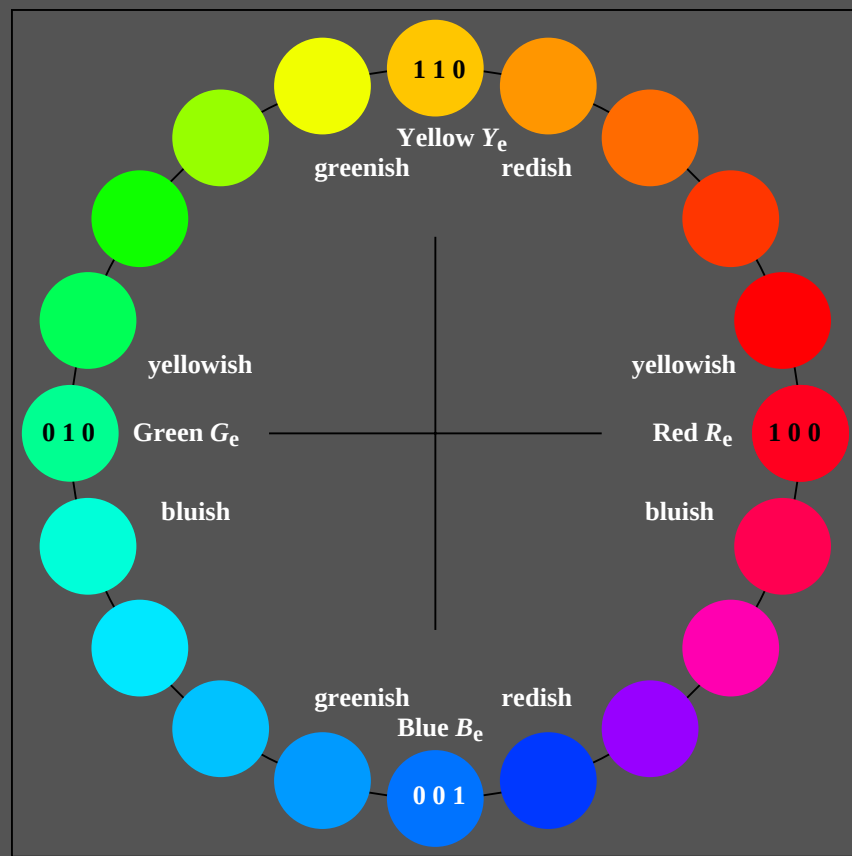
with hue number

$n=00$  to 19

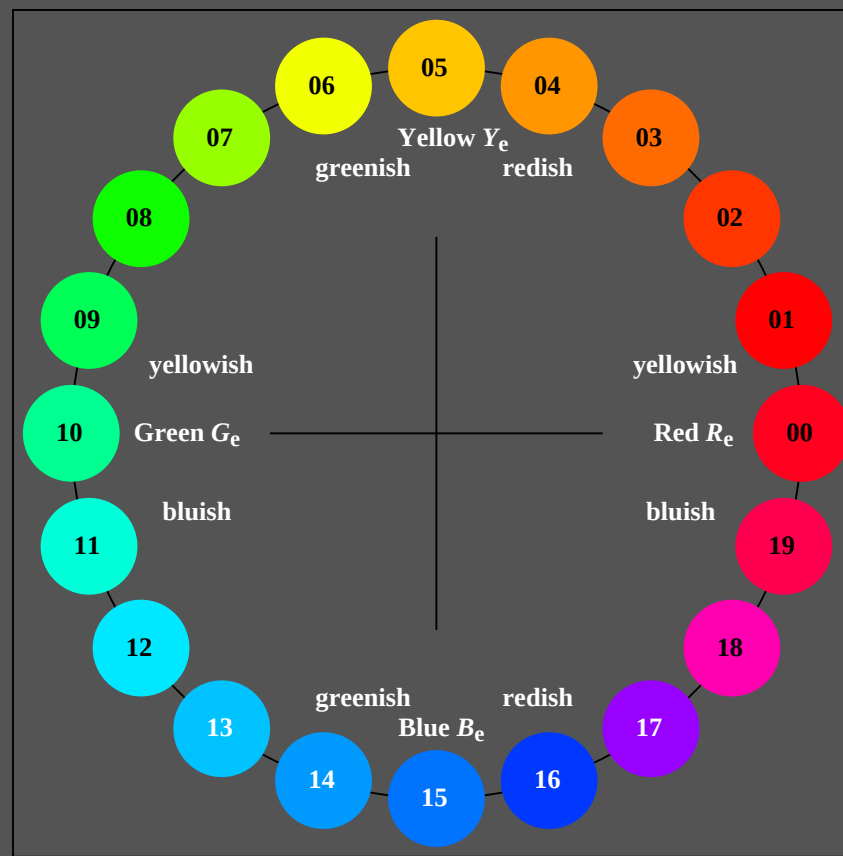
00 = Red  $R_e$   
05 = Yellow  $Y_e$   
10 = Green  $G_e$   
15 = Blue  $B_e$



|           | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 50.5        | 76.92   | 64.55   | 100.42       | 40           |
| $Y_{Ma}$  | 92.66       | -20.69  | 90.75   | 93.08        | 103          |
| $L_{Ma}$  | 83.63       | -82.75  | 79.9    | 115.04       | 136          |
| $C_{Ma}$  | 86.88       | -46.16  | -13.55  | 48.12        | 196          |
| $V_{Ma}$  | 30.39       | 76.06   | -103.59 | 128.52       | 306          |
| $M_{Ma}$  | 57.3        | 94.35   | -58.41  | 110.97       | 328          |
| $N_{Ma}$  | 0.01        | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 95.41       | 0.0     | 0.0     | 0.0          | 0            |
| $R_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $J_{CIE}$ | 81.26       | -2.88   | 71.56   | 71.62        | 92           |
| $G_{CIE}$ | 52.23       | -42.41  | 13.6    | 44.55        | 162          |
| $B_{CIE}$ | 30.57       | 1.41    | -46.46  | 46.49        | 272          |



AE360-7N-105-0: 20 step hue circle with 4 elementary colours  $R_e$ ,  $J_e$ ,  $G_e$ ,  $B_e$  (left)



20 step hue circle with 4 elementary colours  $R_e$ ,  $J_e$ ,  $G_e$ ,  $B_e$  (right)

Test chart AE36 similar to test chart 1 of DIN 33872-5

20 step elementary hue circle; Test chart according to DIN 33872-5

input: *rgb/cmy0/000n/w* set...

output: ->*rgb\_de setrgbcolor*