

$XYZ_{w,10} = 94.8136, 100.0, 107.38^*_{D65,10}$

$a^*_{10} = 500 (a'_{10} - a'_{n,10}) Y_{10}^{1/3}$

$b^*_{10} = 500 (b'_{10} - b'_{n,10}) Y_{10}^{1/3}$

$a'_{10} = a_{20} [x_{10}/y_{10}]^{1/3}$

$b'_{10} = b_{20} [z_{10}/y_{10}]^{1/3}$

$a_{20} = [1/X_{D65,10}]^{1/3} = 0.2143$

$b_{210} = -[1/Z_{D65,10}]^{1/3} = -0.08418$

$n = D65$

CIELAB\_D65; D65-120

Optimal colours (o);

6 of maximum (m)  $C_{AB}$ ;

chroma ( $a^*_{D65,10}, b^*_{D65,10}$ );

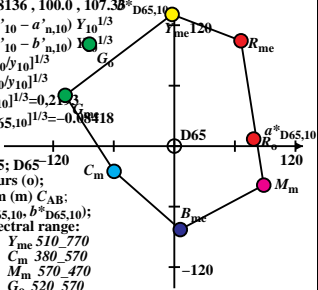
Name and spectral range:

$R_{me}$  570\_770     $Y_{me}$  510\_770

$G_{me}$  470\_570     $C_m$  380\_570

$B_{me}$  380\_510     $M_m$  570\_470

$R_o$  570\_440     $G_o$  520\_570





$XYZ_{w,10}=99.8033, 100.0, 75.8 \quad b^*_{D65,10}$

$a^*_{10} = 500 (a'_{10} - a'_{n,10}) Y_{10}^{1/3}$

$b^*_{10} = 500 (b'_{10} - b'_{n,10}) Y_{10}^{1/3}$

$a'_{10} = a_{20} [x_{10}/y_{10}]^{1/3}$

$b'_{10} = b_{20} [z_{10}/y_{10}]^{1/3}$

$a_{20} = [1/X_{D65,10}]^{1/3} = 0,2103$

$b_{210} = -[1/Z_{D65,10}]^{1/3} = -0,08418$

$n = P45$

CIELAB\_D65; P45

Optimal colours (o);

6 of maximum (m)  $C_{AB}$ ;

chroma ( $a^*_{D65,10}, b^*_{D65,10}$ );

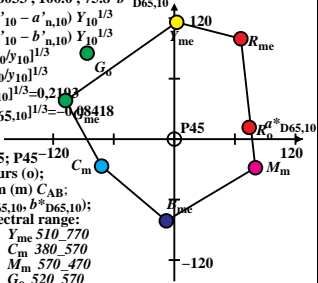
Name and spectral range:

$R_{me} \ 570\_770 \quad Y_{me} \ 510\_770$

$G_{me} \ 470\_570 \quad C_m \ 380\_570$

$B_{me} \ 380\_510 \quad M_m \ 570\_470$

$R_o \ 570\_440 \quad G_o \ 520\_570$



$XYZ_{w,10}=111.15, 100.0, 35.19$   $b^*_{D65,10}$

$a^*_{10} = 500 (a'_{10} - a'_{n,10}) Y_{10}^{1/3}$

$b^*_{10} = 500 (b'_{10} - b'_{n,10}) Y_{10}^{1/3}$

$a'_{10} = a_{20} [x_{10}/y_{10}]^{1/3}$

$b'_{10} = b_{20} [z_{10}/y_{10}]^{1/3}$

$a_{20} = [1/X_{D65,10}]^{1/3} = 0,2193$   $G_o$

$b_{20} = -[1/Z_{D65,10}]^{1/3} = -0,08418$

$n = A00$

CIELAB\_D65; A00-120

Optimal colours (o);  $C_m$

6 of maximum (m)  $C_{AB}$ ;

chroma ( $a^*_{D65,10}, b^*_{D65,10}$ );

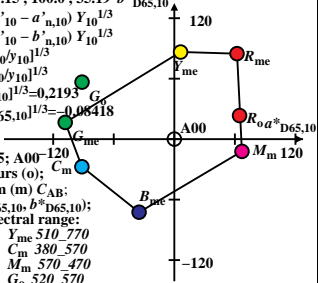
Name and spectral range:

$R_{me}$  570\_770  $Y_{me}$  510\_770

$G_{me}$  470\_570  $C_m$  380\_570

$B_{me}$  380\_510  $M_m$  570\_470

$R_o$  570\_440  $G_o$  520\_570



$XYZ_{w,10} = 99.9908, 99.9999, 100.0000$

$a^*_{10} = 500 (a'_{10} - a'_{n,10}) Y_{10}^{1/3}$

$b^*_{10} = 500 (b'_{10} - b'_{n,10}) Y_{10}^{1/3}$

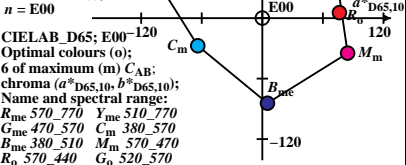
$a'_{10} = a_{20} [x_{10}/y_{10}]^{1/3}$

$b'_{10} = b_{20} [z_{10}/y_{10}]^{1/3}$

$a_{20} = [1/X_{D65,10}]^{1/3} = 0.213$

$b_{210} = -[1/Z_{D65,10}]^{1/3} = -0.08418$

$n = E00$



CIELAB\_D65; E00

Optimal colours (o);  
 6 of maximum (m)  $C_{AB}$ ;  
 chroma ( $a^*_{D65,10}, b^*_{D65,10}$ );  
 Name and spectral range:

|          |         |          |         |
|----------|---------|----------|---------|
| $R_{me}$ | 570_770 | $Y_{me}$ | 510_770 |
| $G_{me}$ | 470_570 | $C_m$    | 380_570 |
| $B_{me}$ | 380_510 | $M_m$    | 570_470 |
| $R_o$    | 570_440 | $G_o$    | 520_570 |

$XYZ_{w,10} = 97.2866, 100.0, 116.14^*_{D65,1}$

$a^*_{10} = 500 (a'_{10} - a'_{n,10}) Y_{10}^{1/3}$

$b^*_{10} = 500 (b'_{10} - b'_{n,10}) Y_{10}^{1/3}$

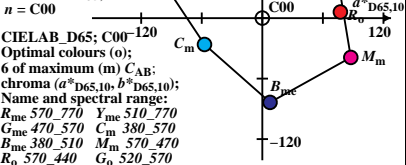
$a'_{10} = a_{20} [x_{10}/y_{10}]^{1/3}$

$b'_{10} = b_{20} [z_{10}/y_{10}]^{1/3}$

$a_{20} = [1/X_{D65,10}]^{1/3} = 0.2153$

$b_{210} = -[1/Z_{D65,10}]^{1/3} = -0.68418$

$n = C00$



CIELAB\_D65; C00-120

Optimal colours (o);

6 of maximum (m)  $C_{AB}$ ;  
 chroma ( $a^*_{D65,10}, b^*_{D65,10}$ );  
 Name and spectral range:

|          |         |          |         |
|----------|---------|----------|---------|
| $R_{me}$ | 570_770 | $Y_{me}$ | 510_770 |
| $G_{me}$ | 470_570 | $C_m$    | 380_570 |
| $B_{me}$ | 380_510 | $M_m$    | 570_470 |
| $R_o$    | 570_440 | $G_o$    | 520_570 |

$XYZ_{w,10} = 102.375, 100.0, 81.25b^*_{D65,10}$

$a^*_{10} = 500 (a'_{10} - a'_{n,10}) Y_{10}^{1/3}$

$b^*_{10} = 500 (b'_{10} - b'_{n,10}) Y_{10}^{1/3}$

$a'_{10} = a_{20} [x_{10}/y_{10}]^{1/3}$

$b'_{10} = b_{210} [z_{10}/y_{10}]^{1/3}$

$a_{20} = [1/X_{D65,10}]^{1/3} = 0.2193$

$b_{210} = -[1/Z_{D65,10}]^{1/3} = -0.08418$

$n = P00$

CIELAB\_D65; P00-120

Optimal colours (o);

6 of maximum (m)  $C_{AB}$ ;

chroma ( $a^*_{D65,10}, b^*_{D65,10}$ );

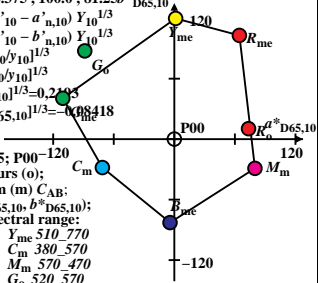
Name and spectral range:

$R_{me}$  570\_770     $Y_{me}$  510\_770

$G_{me}$  470\_570     $C_m$  380\_570

$B_{me}$  380\_510     $M_m$  570\_470

$R_o$  570\_440     $G_o$  520\_570



$XYZ_{w,10}=98.4058, 100.0, 122.54^*_{D65,10}$

$a^*_{10} = 500 (a'_{10} - a'_{n,10}) Y_{10}^{1/3}$

$b^*_{10} = 500 (b'_{10} - b'_{n,10}) Y_{10}^{1/3}$

$a'_{10} = a_{20} [x_{10}/y_{10}]^{1/3}$

$b'_{10} = b_{20} [z_{10}/y_{10}]^{1/3}$

$a_{20} = [1/X_{D65,10}]^{1/3} = 0.2193$

$b_{210} = -[1/Z_{D65,10}]^{1/3} = -0.08418$

$n = Q00$

CIELAB\_D65; Q00-120

Optimal colours (o);

6 of maximum (m)  $C_{AB}$ ;

chroma ( $a^*_{D65,10}, b^*_{D65,10}$ );

Name and spectral range:

$R_{me}$  570\_770     $Y_{me}$  510\_770

$G_{me}$  470\_570     $C_m$  380\_570

$B_{me}$  380\_510     $M_m$  570\_470

$R_o$  570\_440     $G_o$  520\_570

