

$XYZ_w=95.0443, 100.0, 108.89$ b^*_{D65}

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20} = [1/X_{D65}]^{1/3} = 0,21$

$b_2 = -[1/Z_{D65}]^{1/3} = -0,08977$

$n = D65$

CIELAB_D65; $D65^{-120}$

Optimal colours (o);

6 of maximum (m) C_{AB} ;

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

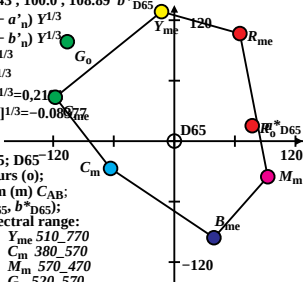
Name and spectral range:

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



$XYZ_w = 96.4228, 100.0, 82.49$ b^*_{D65}

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20} = [1/X_{D65}]^{1/3} = 0.2191$

$b_{20} = -[1/Z_{D65}]^{1/3} = -0.6377$

$n = D50$

CIELAB_D65; D50-120

Optimal colours (o);

6 of maximum (m) C_{AB} ;

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

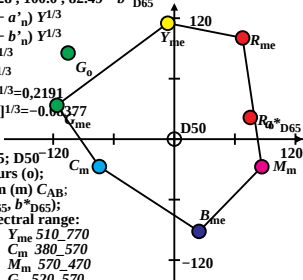
Name and spectral range:

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



$XYZ_w=99.2057, 100.0, 76.07$ b^*_{D65}

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20}=[1/X_{D65}]^{1/3}=0,2191$

$b_{20}=-[1/Z_{D65}]^{1/3}=-0,00377$

$n = P45$

CIELAB_D65; P45

Optimal colours (o);

6 of maximum (m) C_{AB} ;

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

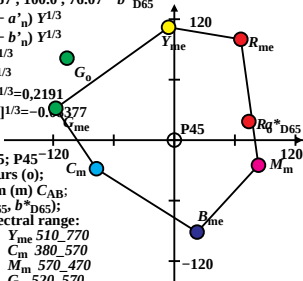
Name and spectral range:

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



$$XYZ_w=109.849, 100.0, 35.58 \quad b^*_{D65}$$

$$a^* = 500 (a' - a'_n) Y^{1/3}$$

$$b^* = 500 (b' - b'_n) Y^{1/3}$$

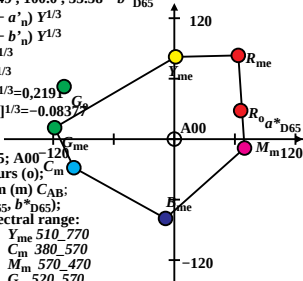
$$a' = a_{20} [x/y]^{1/3}$$

$$b' = b_{20} [z/y]^{1/3}$$

$$a_{20} = [1/X_{D65}]^{1/3} = 0,219$$

$$b_7 = -[1/Z_{D65}]^{1/3} = -0.0837$$

$n = 100$



CIELAB_D65; A00-120

Optimal colours (o);

6 of maximum (m) C_{AR} :

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

Name and spectral range:

 $R_{me} 570_{-770} \quad Y_{me} 510_{-770}$

G_{me} 470_570 C_m 380_570

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

R_0 570_440 G_0 520_570

$XYZ_w = 100.001, 100.0, 100.0$ b^*_{D65}

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

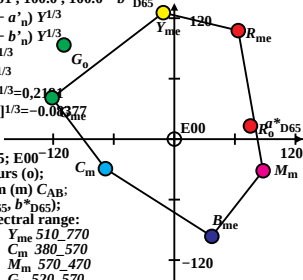
$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20} = [1/X_{D65}]^{1/3} = 0.2181$

$b_{20} = -[1/Z_{D65}]^{1/3} = -0.08377$

$n = E00$



CIELAB_D65; E00-120

Optimal colours (o);

6 of maximum (m) C_{AB} ;

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

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

$XYZ_w=98.0718, 100.0, 118.22$ b^*_{D65}

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

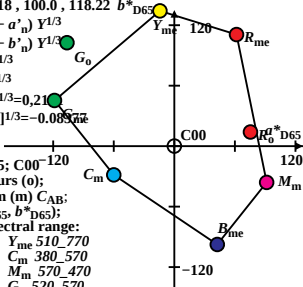
$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20} = [1/X_{D65}]^{1/3} = 0,21$

$b_2 = -[1/Z_{D65}]^{1/3} = -0,08977$

$n = C00$



CIELAB_D65; C00-120

Optimal colours (o);

6 of maximum (m) C_{AB} ;

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

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

$XYZ_w = 102.067, 100.0, 81.06$ b^*_{D65}

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20} = [1/X_{D65}]^{1/3} = 0,2191$

$b_{20} = -[1/Z_{D65}]^{1/3} = -0,6377$

$n = P00$

CIELAB_D65; P00-120

Optimal colours (o);

6 of maximum (m) C_{AB} ;

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

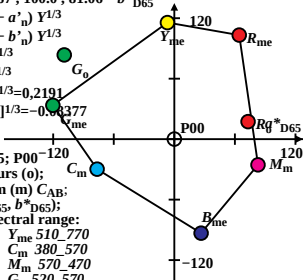
Name and spectral range:

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



$XYZ_w=98.8314, 100.0, 123.0$ b^*_{D65}

$a^* = 500 (a' - a'_n) Y^{1/3}$

$b^* = 500 (b' - b'_n) Y^{1/3}$

$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20} = [1/X_{D65}]^{1/3} = 0,211$

$b_{20} = -[1/Z_{D65}]^{1/3} = -0,08377$

$n = Q00$

CIELAB_D65; Q00-120

Optimal colours (o);

6 of maximum (m) C_{AB} ;

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

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

