

$XYZ_w = 95.0443, 100.0, 108.89$

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

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

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

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

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

$b_{20} = -[1/Z_n]^{1/3} = -0,0837$

$n = D65$

CIELAB₇₆; D65

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

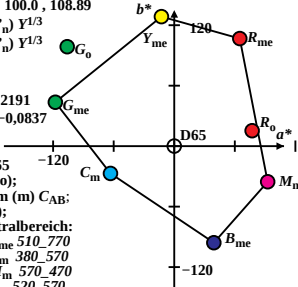
Name und Spektralbereich:

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



$XYZ_w = 96.4228, 100.0, 82.49$

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

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

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

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

$a_{20} = [1/X_n]^{1/3} = 0,2181$

$b_{20} = -[1/Z_n]^{1/3} = -0,0918$

$n = D50$

CIELAB₇₆; D50

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

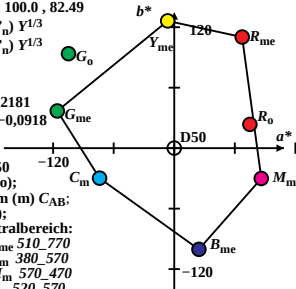
Name und Spektralbereich:

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



$XYZ_w = 99.2057, 100.0, 76.07$

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

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

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

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

$a_{20} = [1/X_n]^{1/3} = 0,2160$

$b_{20} = -[1/Z_n]^{1/3} = -0,0944$

$n = P45$

CIELAB_76; P45

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

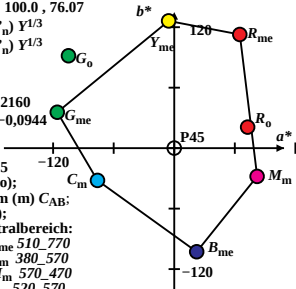
Name und Spektralbereich:

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



$XYZ_w = 109.849, 100.0, 35.58$

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

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

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

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

$a_{20} = [1/X_n]^{1/3} = 0,2088$

$b_{20} = -[1/Z_n]^{1/3} = -0,1216$

$n = A00$

CIELAB₇₆; A00

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

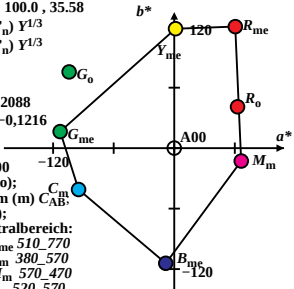
Name und Spektralbereich:

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



$XYZ_w = 100.001, 100.0, 100.0$

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

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

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

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

$a_{20} = [1/X_n]^{1/3} = 0,2154$

$b_{20} = -[1/Z_n]^{1/3} = -0,0861$

$n = E00$

CIELAB_76; E00

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

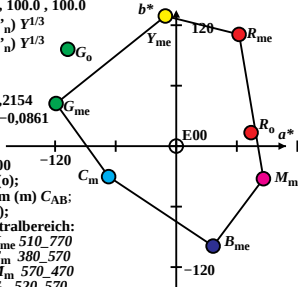
Name und Spektralbereich:

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



$XYZ_w = 98.0718, 100.0, 118.22$

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

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

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

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

$a_{20} = [1/X_n]^{1/3} = 0,2168$

$b_{20} = -[1/Z_n]^{1/3} = -0,0815$

$n = C00$

CIELAB₇₆; C00

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

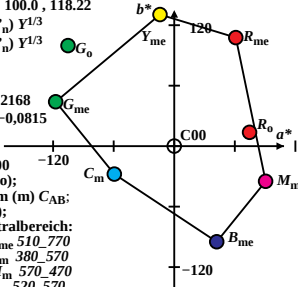
Name und Spektralbereich:

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



$XYZ_w = 102.067, 100.0, 81.06$

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

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

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

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

$a_{20} = [1/X_n]^{1/3} = 0,2140$

$b_{20} = -[1/Z_n]^{1/3} = -0,0924$

$n = P00$

CIELAB_76; P00

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

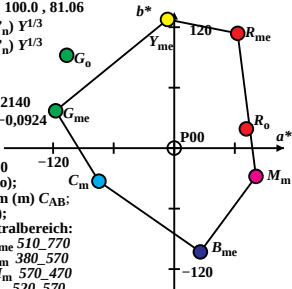
Name und Spektralbereich:

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



$XYZ_w = 98.8314, 100.0, 123.0$

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

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

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

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

$a_{20} = [1/X_n]^{1/3} = 0,2163$

$b_{20} = -[1/Z_n]^{1/3} = -0,0804$

$n = Q00$

CIELAB₇₆; Q00

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

Buntheit (a^*, b^*);

Name und Spektralbereich:

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

