

$XYZ_w=97.0698, 100.0, 104.57$ b^*_{D65}

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

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

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

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

$a_{20} = [1/X_{D65}]^{1/3} = 0,2$

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

$n = P60$

CIELAB_D65; P60⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

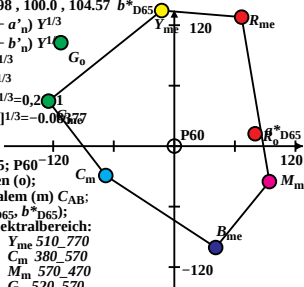
Name und Spektralbereich:

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



$XYZ_w = 97.4579, 100.0, 95.98$ b^*_{D65}

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

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

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

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

$a_{20} = [1/X_{D65}]^{1/3} = 0.2184$

$b_2 = -[1/Z_{D65}]^{1/3} = -0.08377$

$n = P55$

CIELAB_D65; P55⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

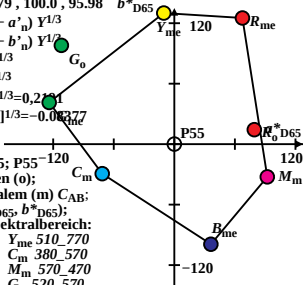
Name und Spektralbereich:

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



$XYZ_w = 98.1226, 100.0, 86.5$

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

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

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

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

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

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

$n = P50$

CIELAB_D65; P50⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

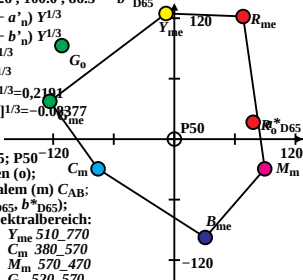
Name und Spektralbereich:

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



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

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

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

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

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

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

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

$n = P45$

CIELAB_D65; P45

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

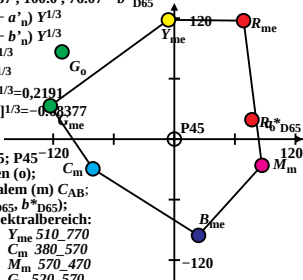
Name und Spektralbereich:

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



$XYZ_w = 100.932, 100.0, 64.68 \quad b^*_{D65}$

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

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

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

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

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

$b_{20} = -[1/Z_{D65}]^{1/3} = -0,8377$

$n = P40$

CIELAB_D65; P40⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

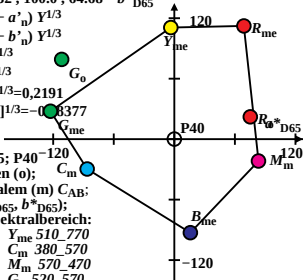
Name und Spektralbereich:

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



$XYZ_w = 103.668, 100.0, 52.43$ b^*_{D65}

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

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

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

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

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

$b_2 = -[1/Z_{D65}]^{1/3} = -0,8377$

$n = P35$

CIELAB_D65; P35

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

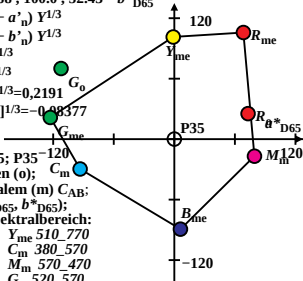
Name und Spektralbereich:

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

G_{me} 470_570 C_m 380_570

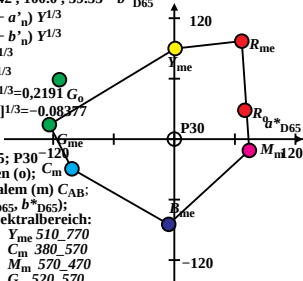
B_{me} 380_510 M_m 570_470

R_o 570_440 G_o 520_570



$$XYZ_w = 108.042, 100.0, 39.55 \quad b^*_{D65}$$
$$a^* = 500 (a' - a'_n) Y^{1/3}$$
$$b^* = 500 (b' - b'_n) Y^{1/3}$$
$$a' = a_{20} [x/y]^{1/3}$$
$$b' = b_{20} [z/y]^{1/3}$$
$$a_{20}=[1/X_{D65}]^{1/3}=0,2191 G_0$$
$$b_2 = -[1/Z_{D65}]^{1/3} = -0.08377$$

$n = P30$



CIELAB_D65; P30

Optimalfarben (o);

6 von maximalem (m) C_{AR} :

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

Name und Spektralbereich:

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

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

$XYZ_w = 115.184, 100.0, 26.59$ b^*_{D65}

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

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

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

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

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

$b_{20} = -[1/Z_{D65}]^{1/3} = -0,08977$

$n = P25$

CIELAB_D65; P25-120

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

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

