

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

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

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

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

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

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

$b_{20} = -[1/Z_{D65}]^{1/3} = -0,0877$

$n = P60$

CIELAB_D65; P60⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

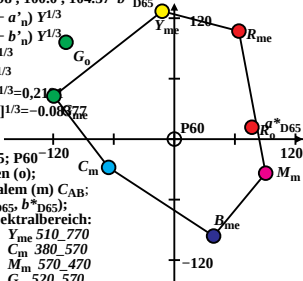
Name und Spektralbereich:

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}

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

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

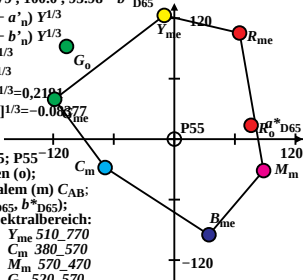
$a' = a_{20} [x/y]^{1/3}$

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

$a_{20} = [1/X_{D65}]^{1/3} = 0,2181$

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

$n = P55$



CIELAB_D65; P55

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

$XYZ_w = 98.1226, 100.0, 86.5$

b^*_{D65}

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

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

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

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

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

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

$n = P50$

CIELAB_D65; P50⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

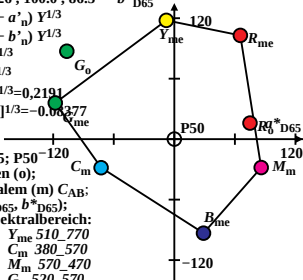
Name und Spektralbereich:

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}

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

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

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

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

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

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

$n = P45$

CIELAB_D65; P45⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

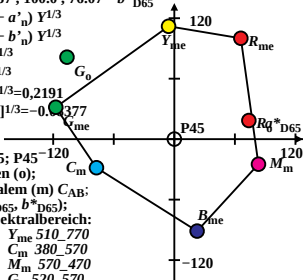
Name und Spektralbereich:

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



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

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

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

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

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

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

$b_2 = -[1/Z_{D65}]^{1/3} = -0,377$

$n = P40$

CIELAB_D65; P40⁻¹²⁰

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

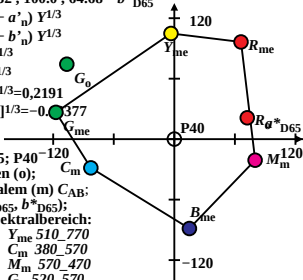
Name und Spektralbereich:

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}

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

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

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

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

$a_{20} = [1/X_{D65}]^{1/3} = 0,2191$ G_0

$b_2 = -[1/Z_{D65}]^{1/3} = -0,08377$

$n = P35$

CIELAB_D65; P35

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

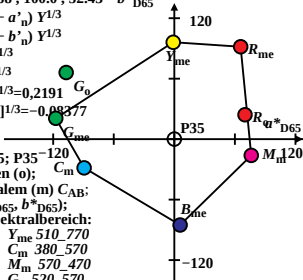
Name und Spektralbereich:

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



$XYZ_w = 108.042, 100.0, 39.55$ 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_o

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

$n = P30$

CIELAB_D65; P30

Optimalfarben (o);

6 von maximalem (m) C_{AB} ;

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

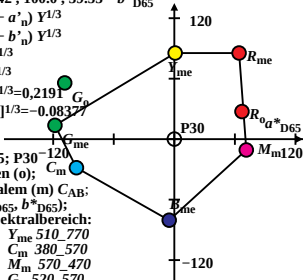
Name und Spektralbereich:

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



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

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

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

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

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

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

$b_{20} = -[1/Z_{D65}]^{1/3} = -0,08307$

$n = P25$

CIELAB_D65; P25 Y_{me}

Optimalfarben (o); C_m

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

