

XYZ_w=84.1998 , 88.59 , 96.46

$A = (a - a_n) Y$

$B = (b - b_n) Y$

$a = a_2 [x/y]$

$b = b_2 [z/y]$

$a_2 = 1$

$b_2 = -0.4$

$n = D65$

LABCAB 85

Name and spectral range

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

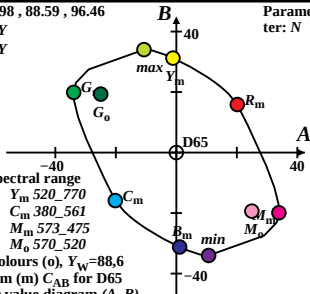
G_o 520_570 M_o 570_520

10 optimal colours (o), $Y_w=88.6$

8 of maximum (m) C_{AB} for D65

in chromatic value diagram (A, B)

Parameter: N



XYZ_w=84.1998 , 88.59 , 96.46

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

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

$a' = a_2 [x/y]^{1/3}$

$b' = b_2 [z/y]^{1/3}$

$a_2 = [1/X_n]^{1/3} = 0.2191$

$b_2 = -[1/Z_n]^{1/3} = -0.08376$

$n = D65$

CIELAB 76

Name and spectral range

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

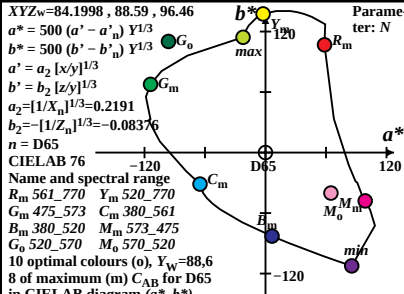
G_o 520_570 M_o 570_520

10 optimal colours (o), $Y_w=88.6$

8 of maximum (m) C_{AB} for D65

in CIELAB diagram (a^* , b^*)

Parameter: N



XYZ_w=84.1998 , 88.59 , 96.46

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

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

$a' = a_2 [x/y]^{1/3}$

$b' = b_2 [z/y]^{1/3}$

$a_2 = [1/X_{D65}]^{1/3} = 0.2191$

$b_2 = -[1/Z_{D65}]^{1/3} = -0.08376$

$n = D65$

CIELAB D65

Name and spectral range

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

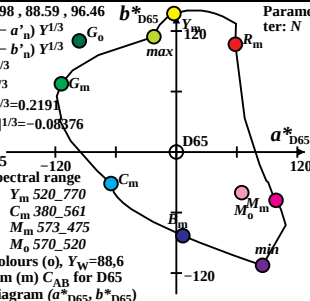
G_o 520_570 M_o 570_520

10 optimal colours (o), $Y_w=88.6$

8 of maximum (m) C_{AB} for D65

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

Parameter: N



XYZ_w=84.1998 , 88.59 , 96.46

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

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

$a' = a_2 [x/y + 1]$

$b' = b_2 [z/y + 1/6]^{1/3}$

$a_2 = 1/15 = 0.06666$

$b_2 = -1/12 = -0.08333$

$n = D65$

LABHNU1 79

Name and spectral range

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

G_o 520_570 M_o 570_520

10 optimal colours (o), $Y_w=88.6$

8 of maximum (m) C_{AB} for D65

in chroma diagram (A^* , B^*)

Parameter: N

