

$XYZ_w=95.0443, 100.0, 108.89$

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

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

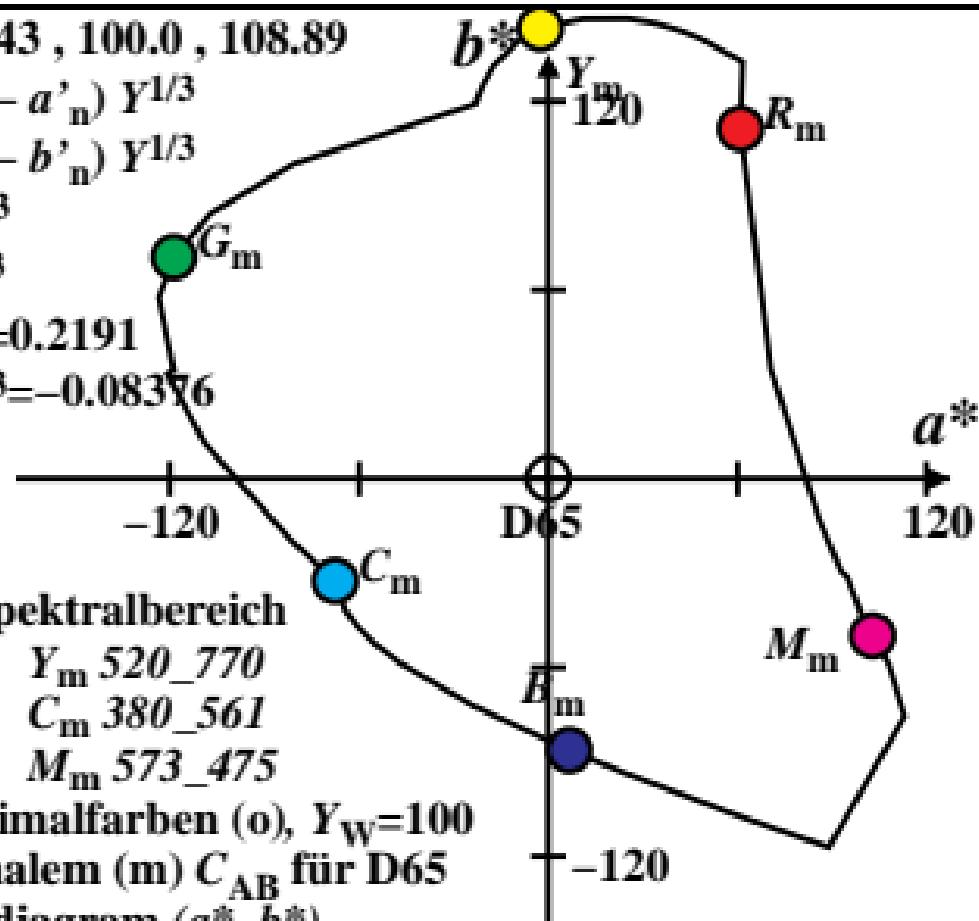
$$a = a_2 [x/y]^{1/3}$$

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

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

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

$$n = D65$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für D65

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=96.4228, 100.0, 82.49$

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

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

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

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

$a_2=[1/X_n]^{1/3}=0.218$

$b_2=-[1/Z_n]^{1/3}=-0.09188$

$n = D50$

CIELAB 76

Name und Spektralbereich

$R_m\ 561_770 \quad Y_m\ 520_770$

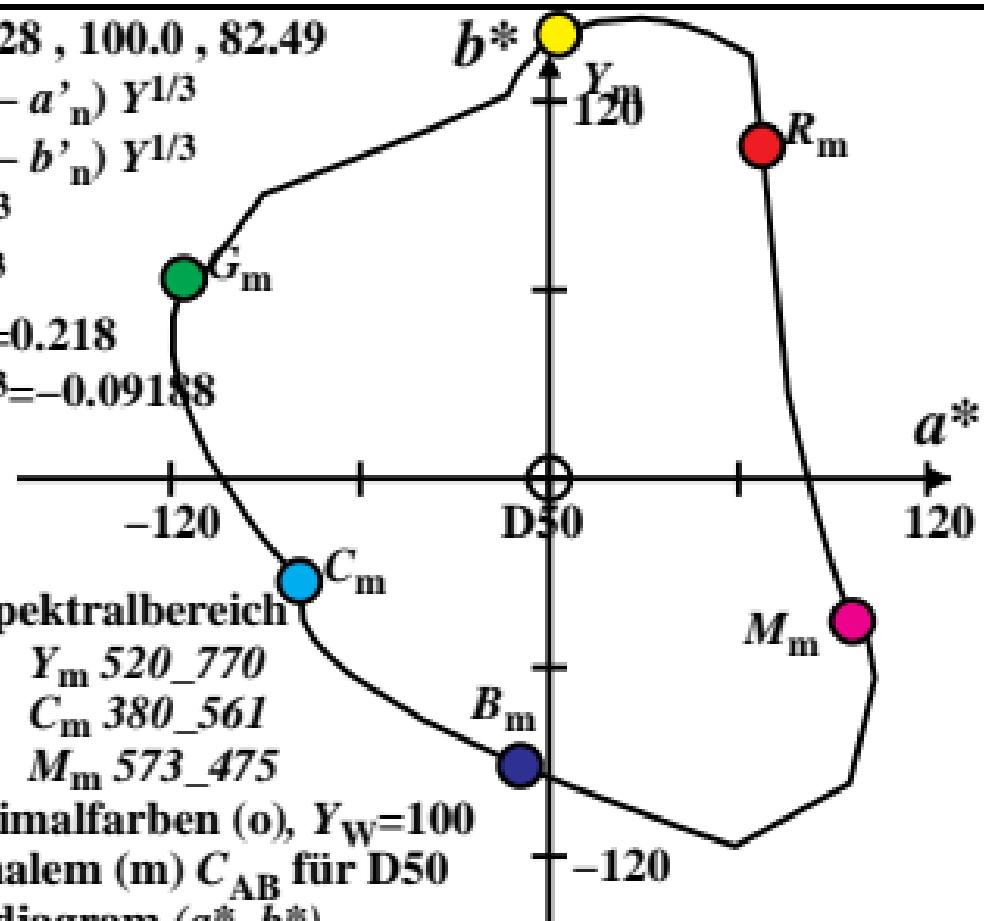
$G_m\ 475_573 \quad C_m\ 380_561$

$B_m\ 380_520 \quad M_m\ 573_475$

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für D50

in Buntheitsdiagramm (a^*, b^*)



$XYZ_w=100.932, 100.0, 64.68$

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

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

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

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

$a_2=[1/X_n]^{1/3}=0.2147$

$b_2=-[1/Z_n]^{1/3}=-0.09964$

$n = P40$

CIELAB 76

Name und Spektralbereich

$R_m\ 561_770 \quad Y_m\ 520_770$

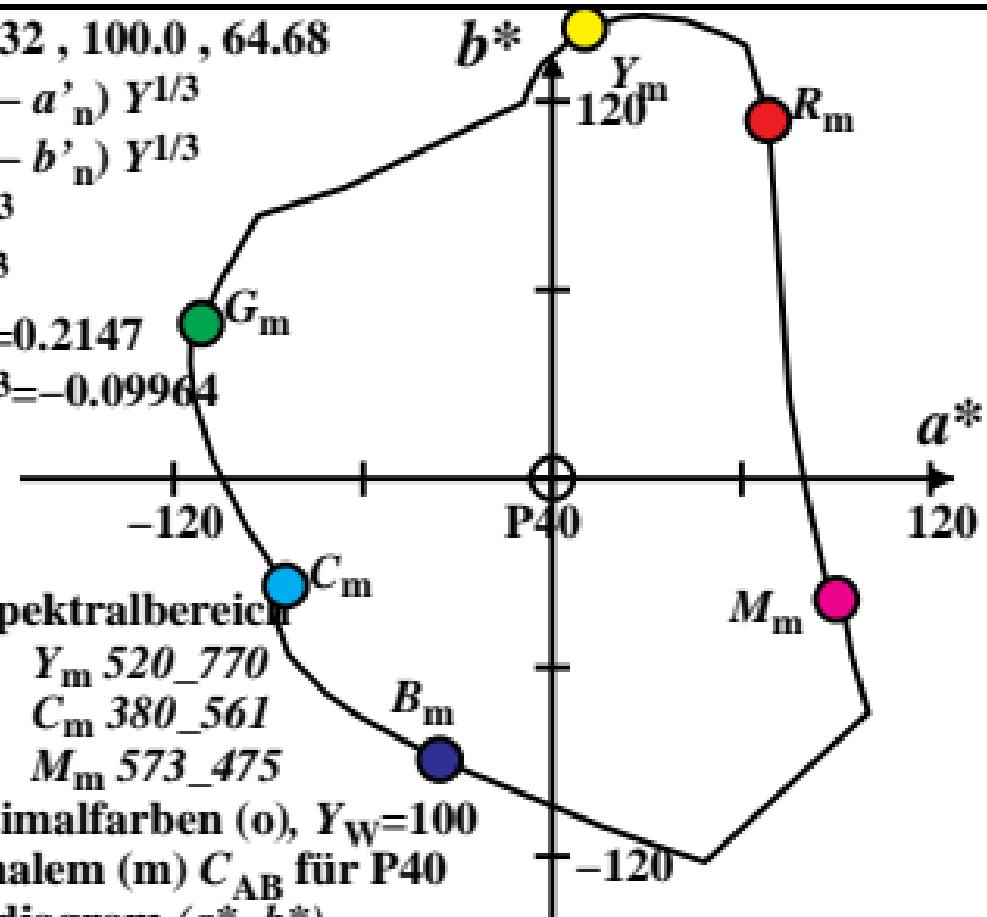
$G_m\ 475_573 \quad C_m\ 380_561$

$B_m\ 380_520 \quad M_m\ 573_475$

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für P40

in Buntheitsdiagramm (a^*, b^*)



$XYZ_w=109.849, 100.0, 35.58$

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

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

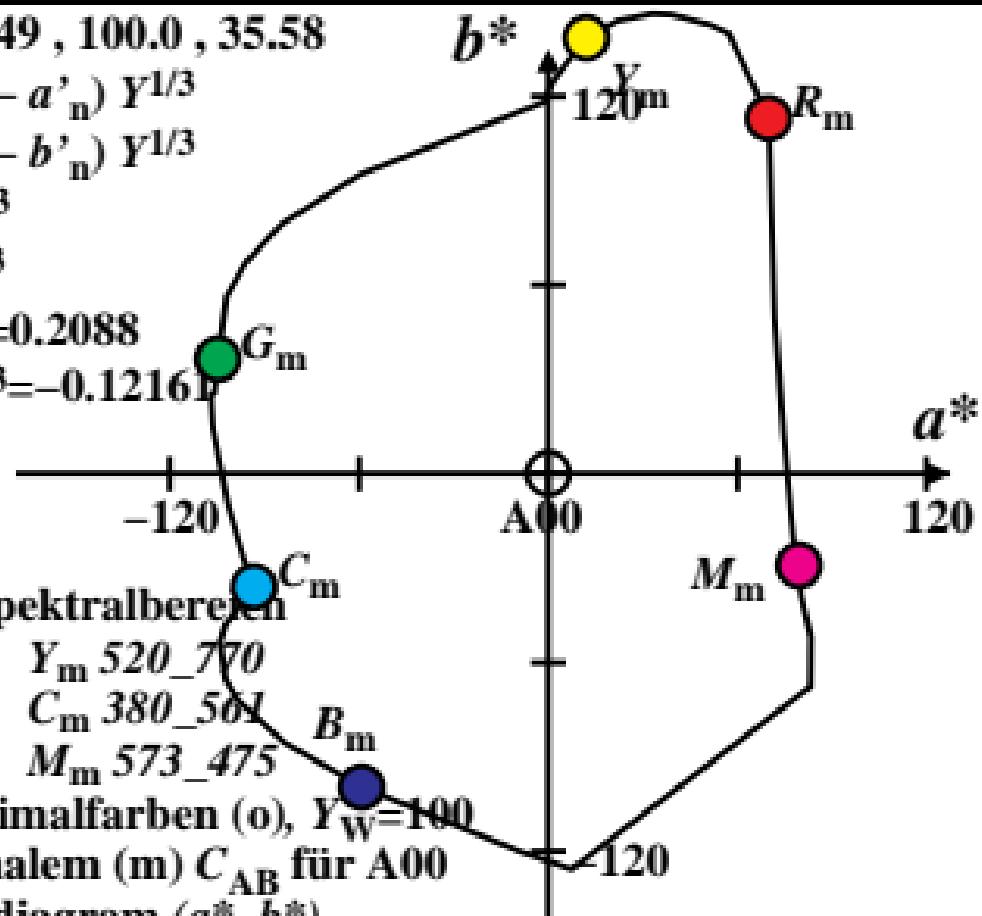
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2088$$

$$b_2 = -[1/Z_n]^{1/3} = -0.1216$$

$$n = A00$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_501

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_w=100$

6 von maximalem (m) C_{AB} für A00
in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=100.001, 100.0, 100.0$

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

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

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

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

$a_2=[1/X_n]^{1/3}=0.2154$

$b_2=-[1/Z_n]^{1/3}=-0.08617$

$n = E00$

CIELAB 76

Name und Spektralbereich

$R_m\ 561_770 \quad Y_m\ 520_770$

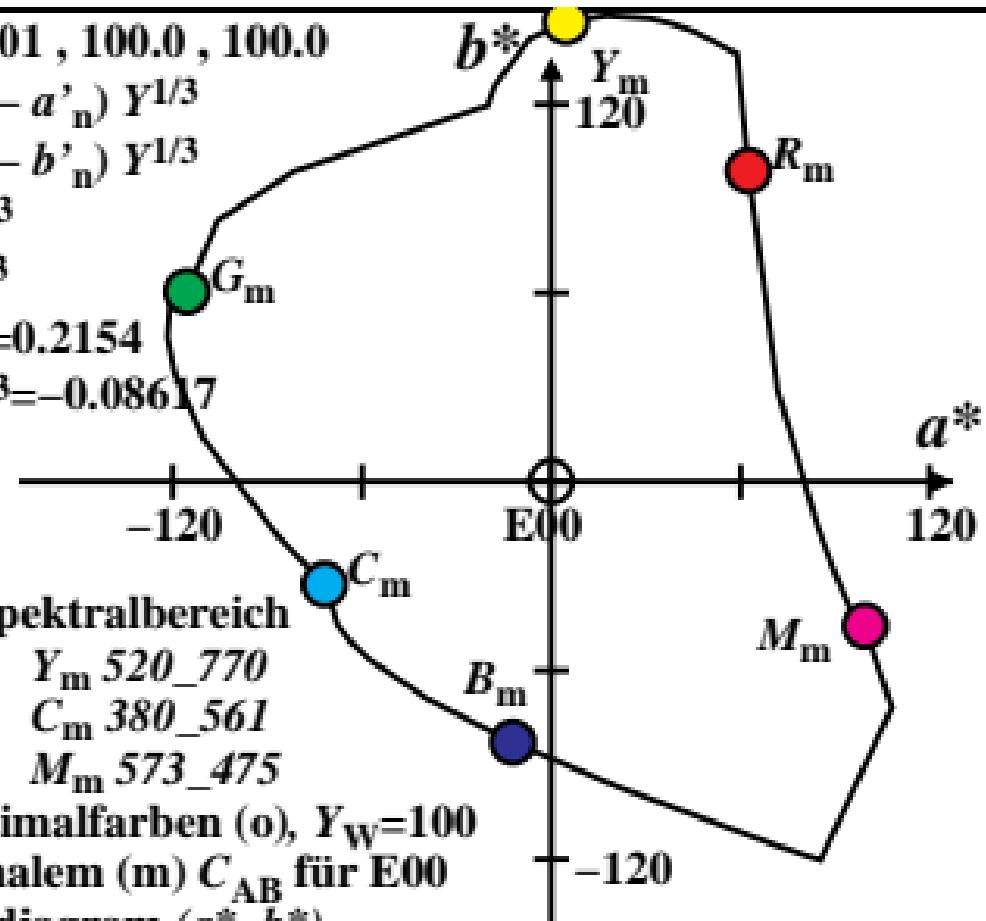
$G_m\ 475_573 \quad C_m\ 380_561$

$B_m\ 380_520 \quad M_m\ 573_475$

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für E00

in Buntheitsdiagramm (a^*, b^*)



$XYZ_w=98.0718, 100.0, 118.22$

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

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

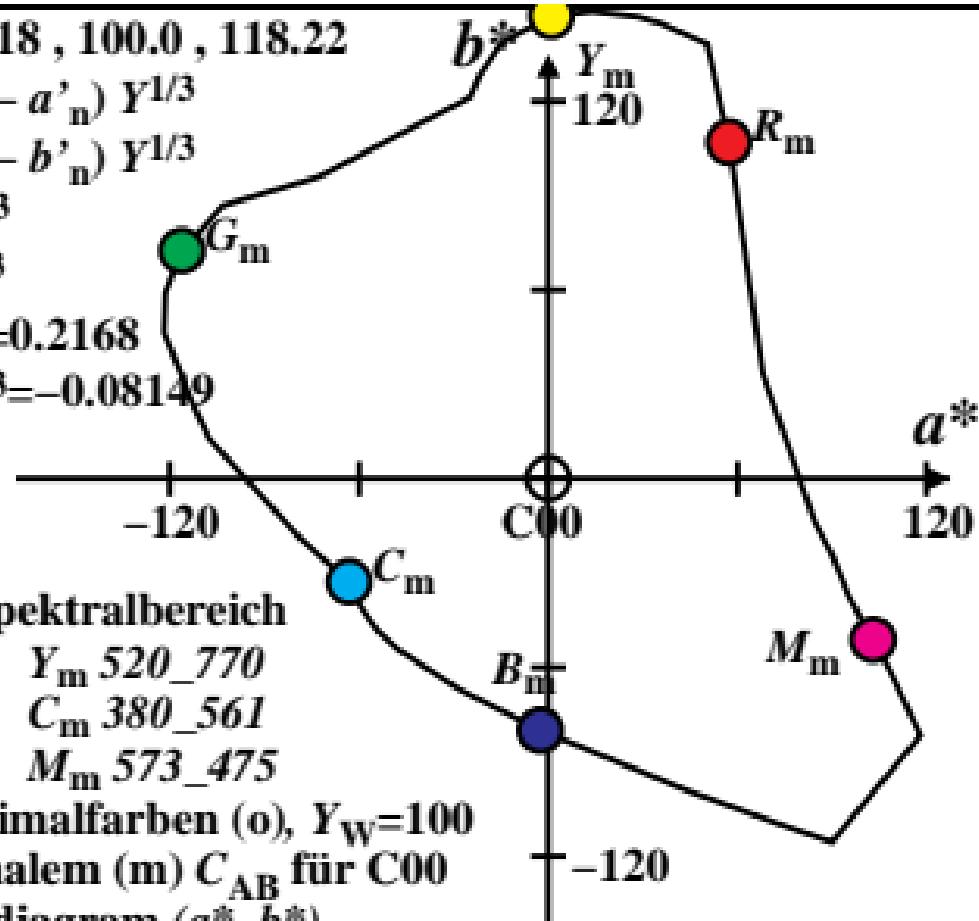
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2168$$

$$b_2 = -[1/Z_n]^{1/3} = -0.08149$$

$$n = C00$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für C00

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=102.067, 100.0, 81.06$

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

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

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

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

$a_2=[1/X_n]^{1/3}=0.2139$

$b_2=-[1/Z_n]^{1/3}=-0.09242$

$n = P00$

CIELAB 76

Name und Spektralbereich

$R_m\ 561_770 \quad Y_m\ 520_770$

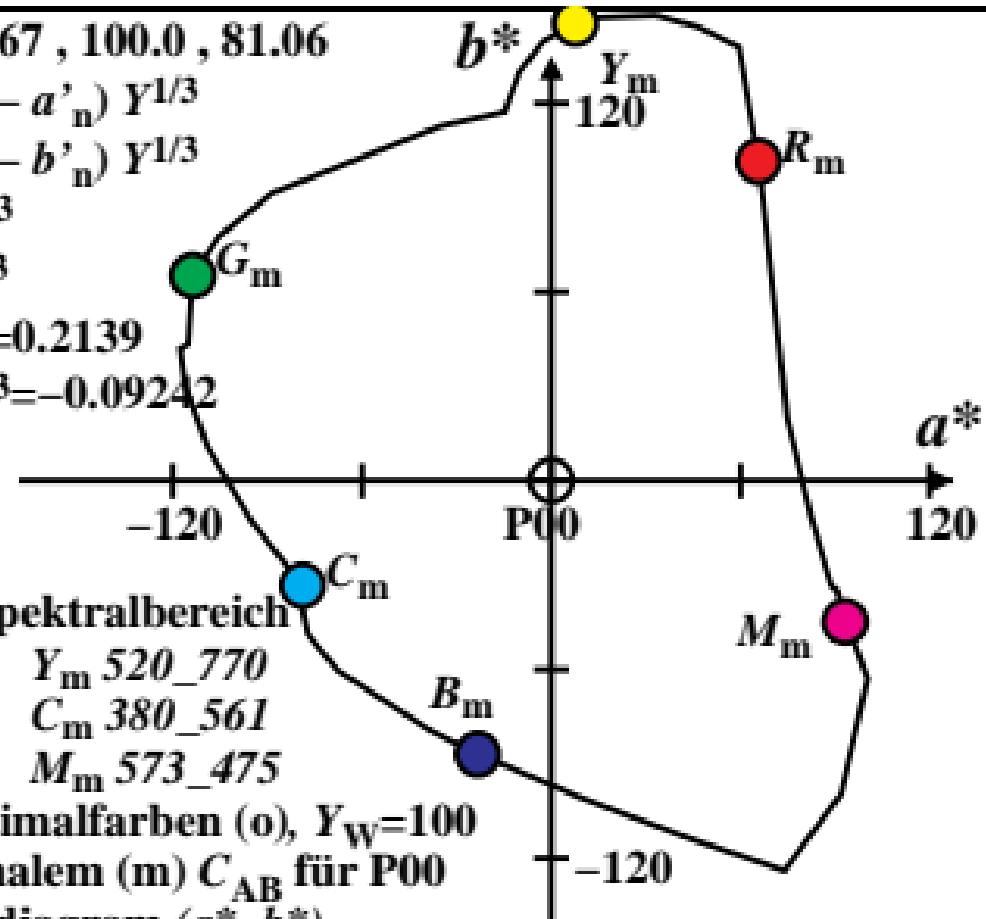
$G_m\ 475_573 \quad C_m\ 380_561$

$B_m\ 380_520 \quad M_m\ 573_475$

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für P00

in Buntheitsdiagramm (a^*, b^*)



$XYZ_w=97.9332, 100.0, 118.95$

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

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

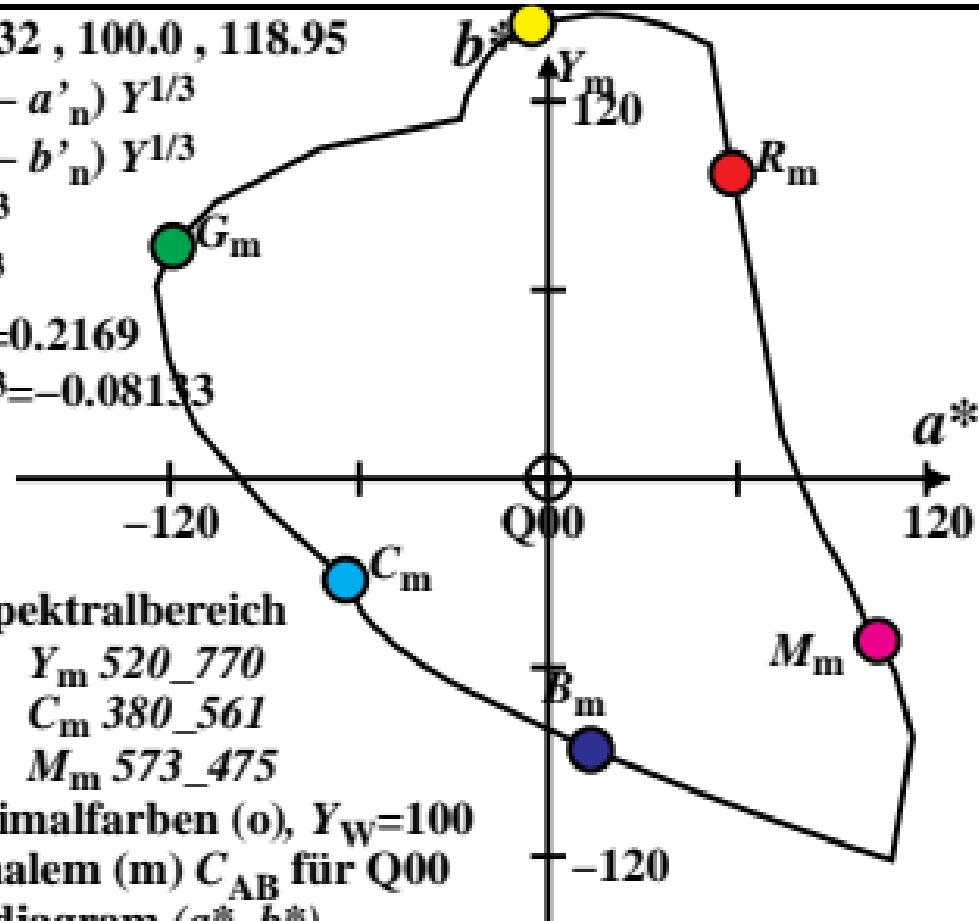
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2169$$

$$b_2 = -[1/Z_n]^{1/3} = -0.08133$$

$$n = Q00$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für Q00

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=94.8136, 100.0, 107.33$

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

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

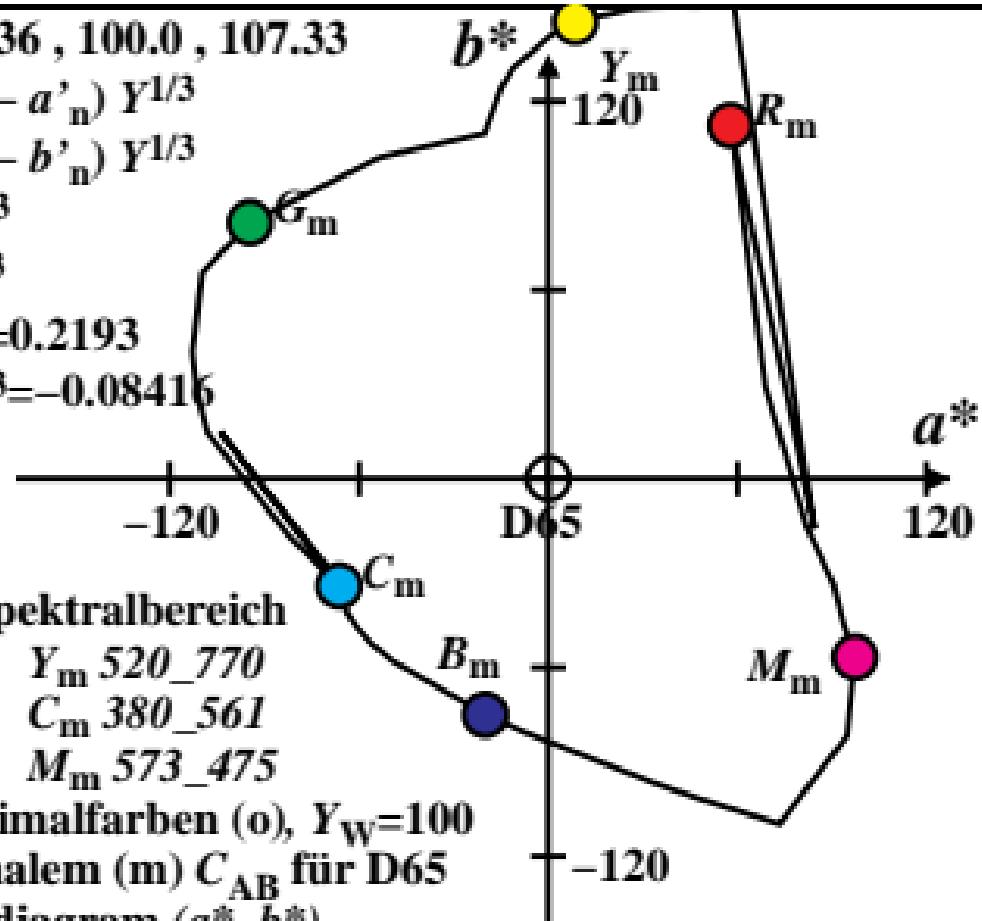
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2193$$

$$b_2 = -[1/Z_n]^{1/3} = -0.08416$$

$$n = D65$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für D65

in Buntheitsdiagramm (a^* , b^*)

$XYZ_w=96.7256, 100.0, 81.41$

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

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

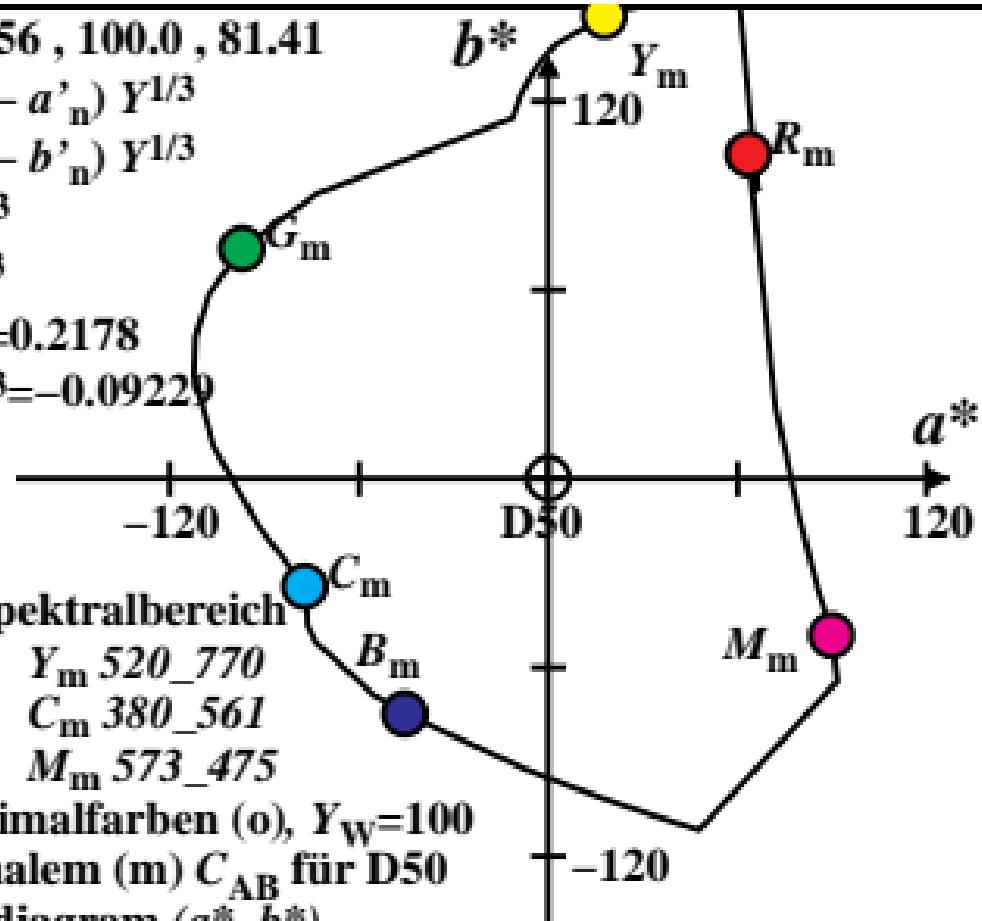
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2178$$

$$b_2 = -[1/Z_n]^{1/3} = -0.09229$$

$$n = D50$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für D50

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=101.751, 100.0, 64.44$

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

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

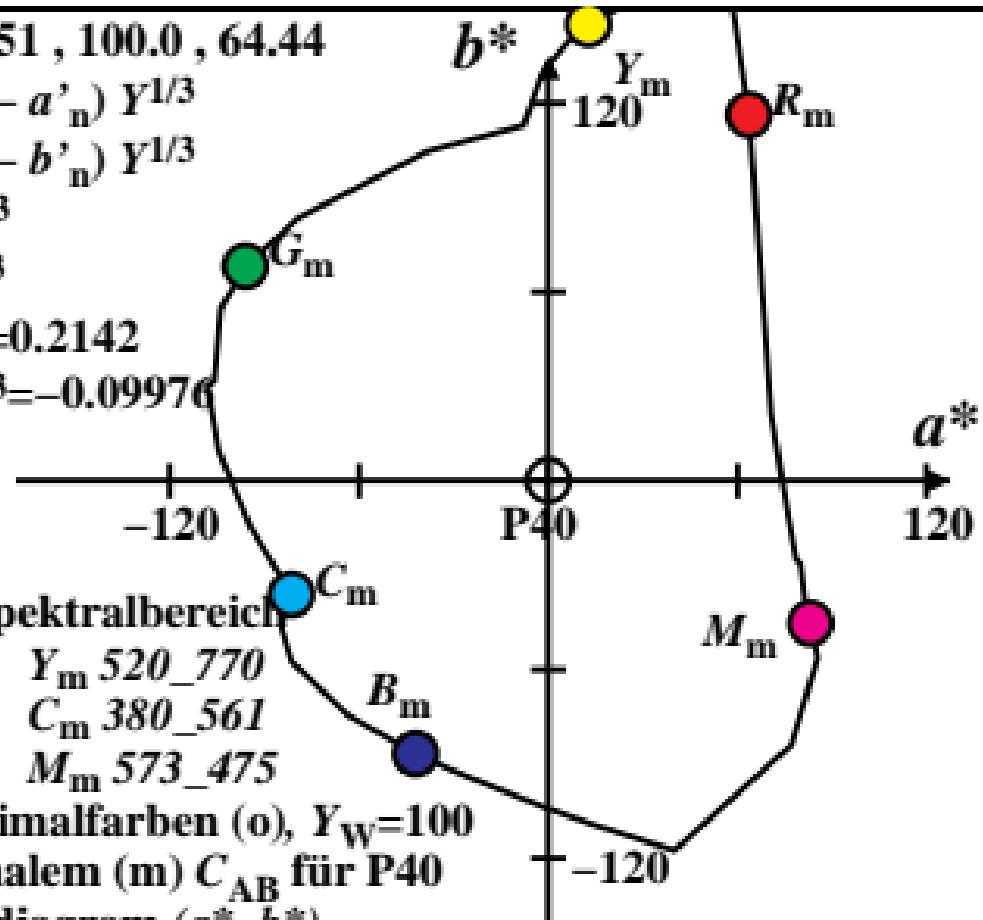
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2142$$

$$b_2 = -[1/Z_n]^{1/3} = -0.09976$$

$$n = P40$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für P40

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=111.15, 100.0, 35.19$

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

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

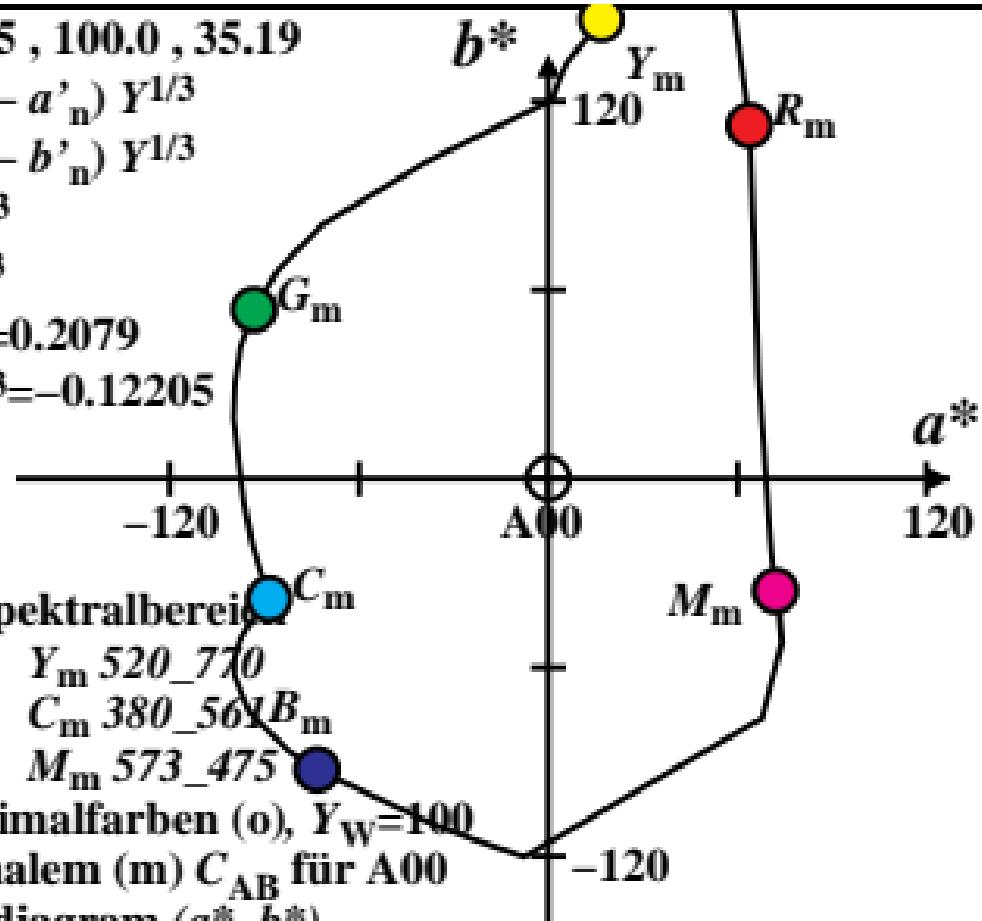
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2079$$

$$b_2 = -[1/Z_n]^{1/3} = -0.12205$$

$$n = A00$$



CIELAB 76

Name und Spektralbereich:

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für A00

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=99.9908, 99.9999, 100.0$

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

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

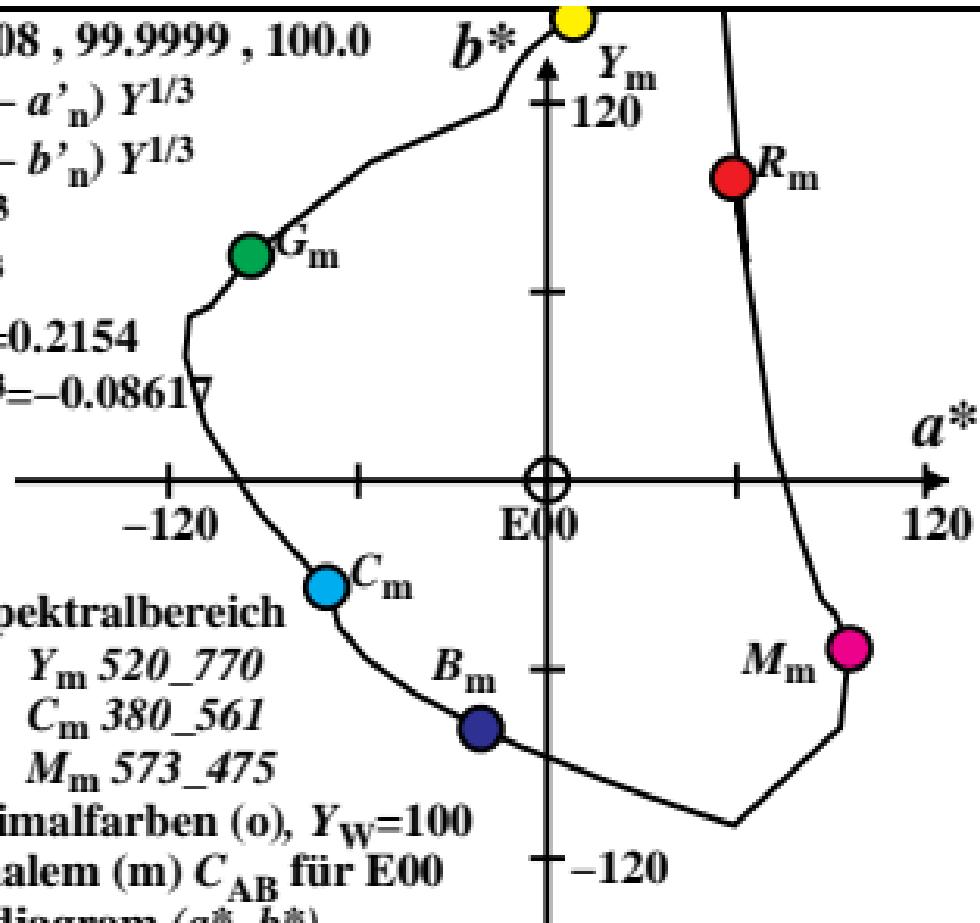
$a = a_2 [x/y]^{1/3}$

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

$a_2=[1/X_n]^{1/3}=0.2154$

$b_2=-[1/Z_n]^{1/3}=-0.0861$

$n = E00$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für E00

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=97.2866, 100.0, 116.14$

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

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

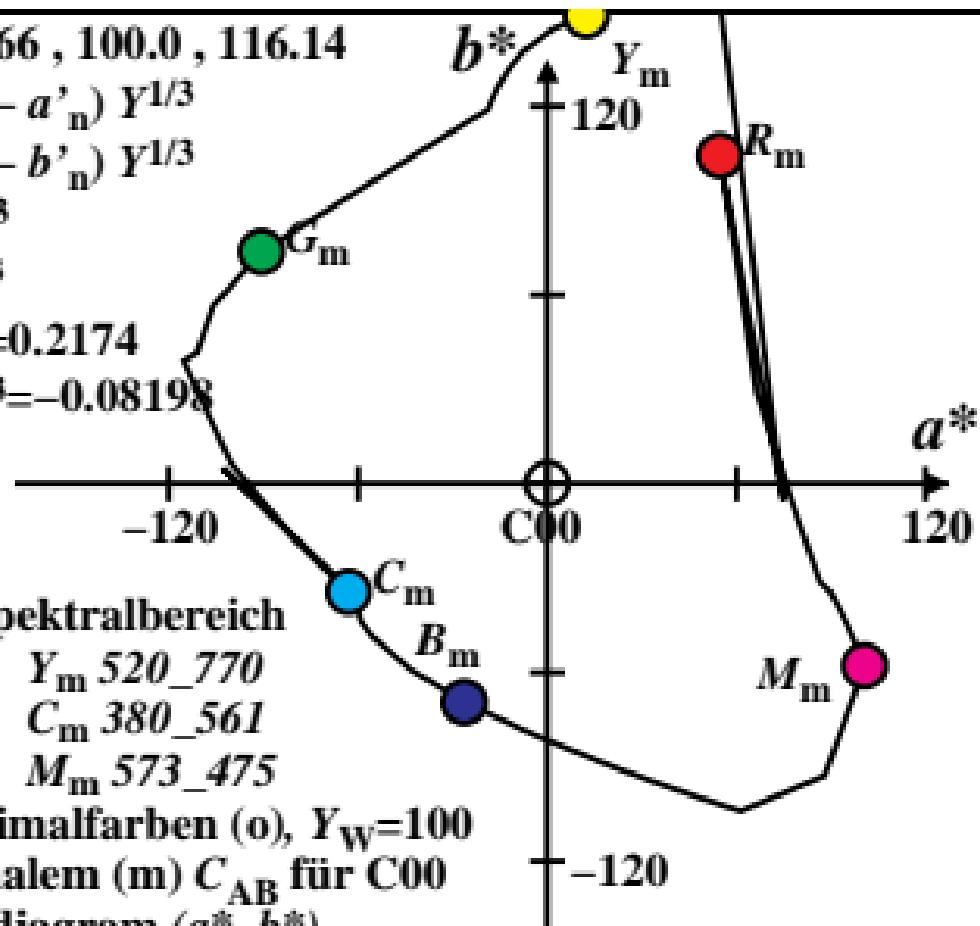
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2174$$

$$b_2 = -[1/Z_n]^{1/3} = -0.08198$$

$$n = C00$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für C00

in Buntheitsdiagramm (a^*, b^*)

$XYZ_w=102.375, 100.0, 81.25$

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

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

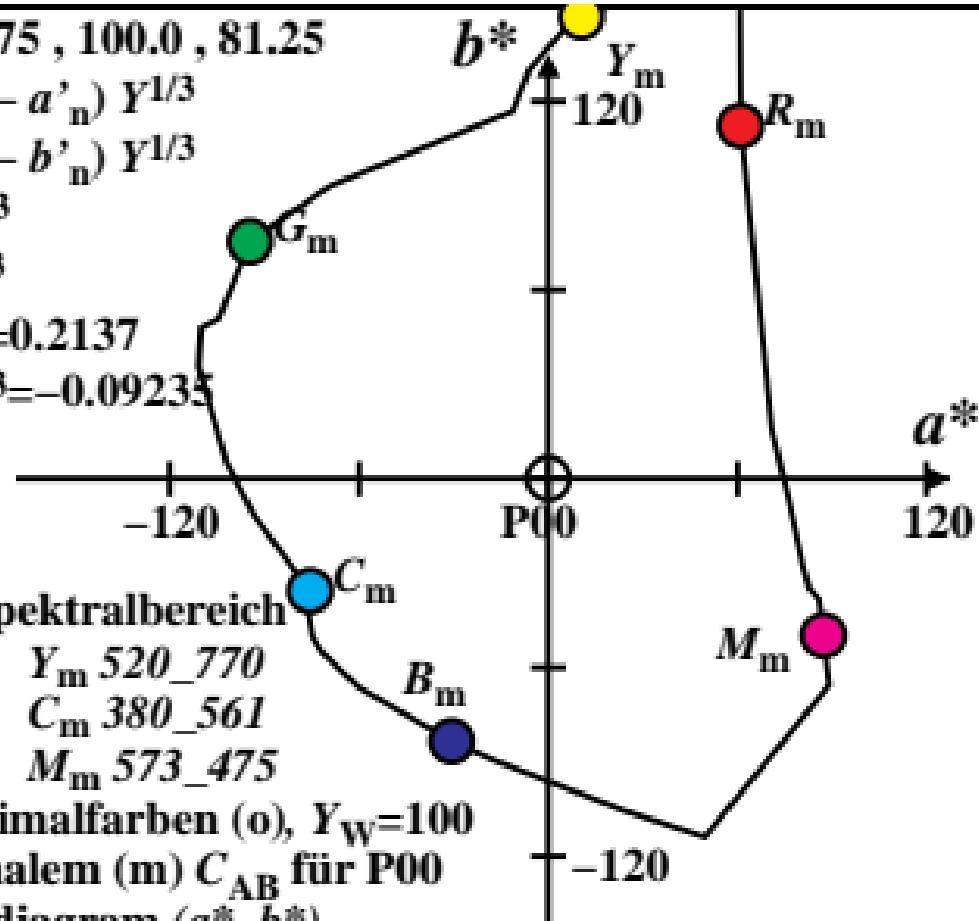
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2137$$

$$b_2 = -[1/Z_n]^{1/3} = -0.09235$$

$$n = P00$$



$XYZ_w=97.65, 100.0, 118.42$

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

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

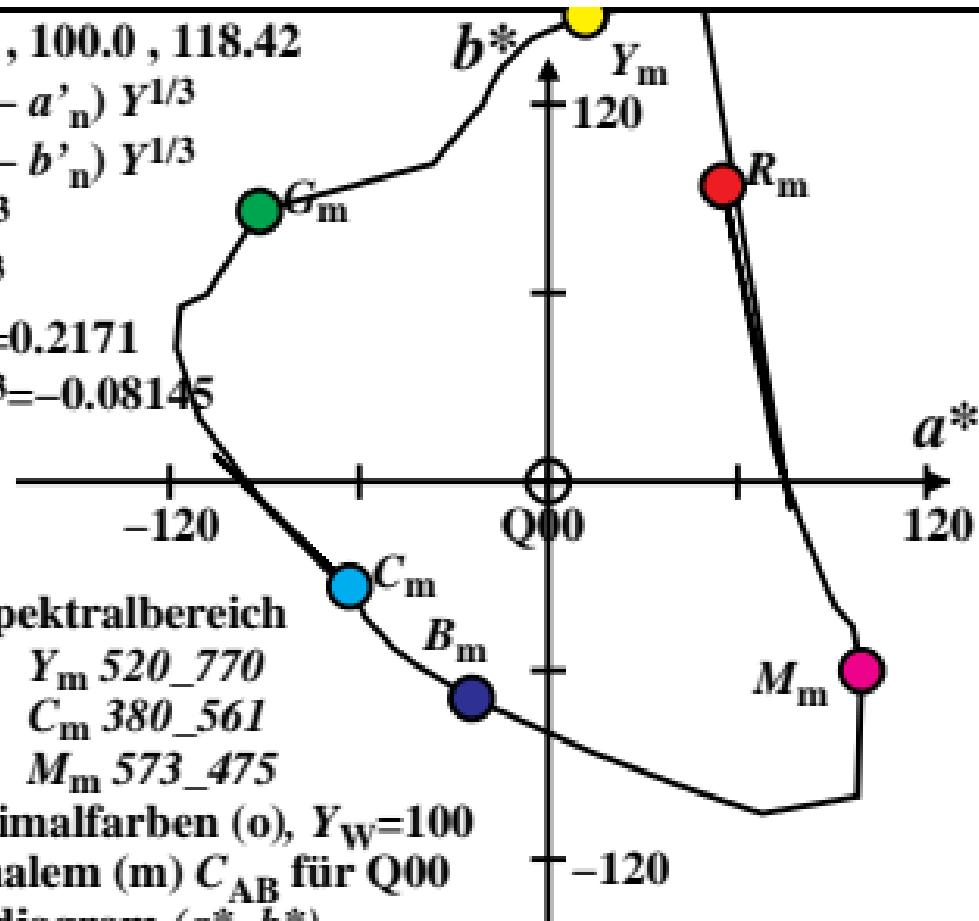
$$a = a_2 [x/y]^{1/3}$$

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

$$a_2 = [1/X_n]^{1/3} = 0.2171$$

$$b_2 = -[1/Z_n]^{1/3} = -0.08145$$

$$n = Q00$$



CIELAB 76

Name und Spektralbereich

R_m 561_770 Y_m 520_770

G_m 475_573 C_m 380_561

B_m 380_520 M_m 573_475

Ostwald-Optimalfarben (o), $Y_W=100$

6 von maximalem (m) C_{AB} für Q00

in Buntheitsdiagramm (a^*, b^*)