

$XYZ_w=95.0443, 100.0, 108.89$

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

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

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

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

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

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

$n = D65$

**CIELAB 76**

**Name und Spektralbereich**

$R_m$  561\_770     $Y_m$  495\_770

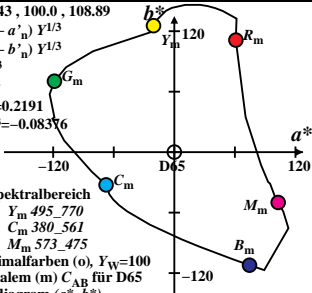
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  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     $Y_m$  495\_770

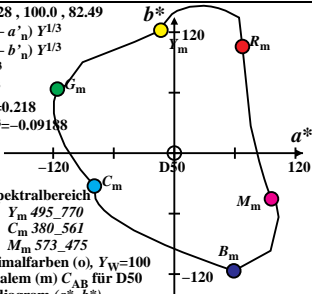
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  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     $Y_m$  495\_770

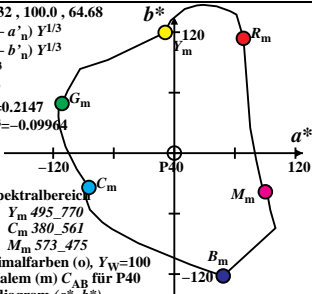
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  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 Spektralbereiche**

$R_m$  561\_770     $Y_m$  495\_770

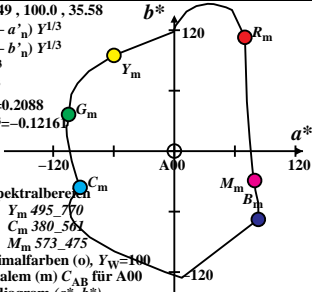
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  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     $Y_m$  495\_770

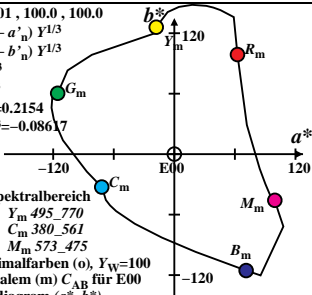
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  573\_475

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

6 von maximalem (m)  $C_{AB}$  für E00

in Buntheitsdiagramm ( $a^*$ ,  $b^*$ )



$XYZ_w=98.0718, 100.0, 118.22$

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

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

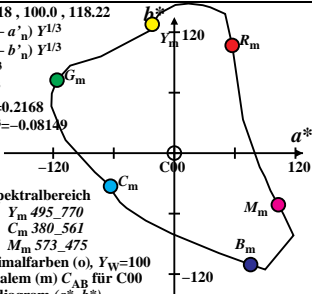
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = C00$



**CIE LAB 76**

**Name und Spektralbereich**

$R_m$  561\_770  $Y_m$  495\_770

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

$B_m$  380\_495  $M_m$  573\_475

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

6 von maximalem (m)  $C_{AB}$  für  $C_{00}$

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     $Y_m$  495\_770

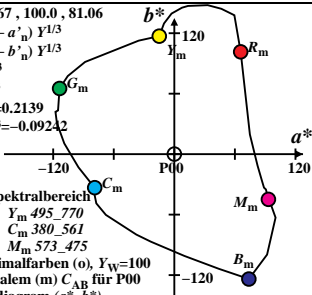
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  573\_475

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

6 von maximalem (m)  $C_{AB}$  für P00

in Buntheitsdiagramm ( $a^*$ ,  $b^*$ )



$XYZ_w = 97.9332, 100.0, 118.95$

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

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

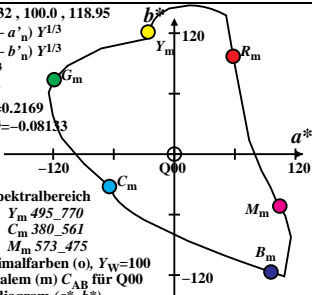
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = Q00$



**CIE LAB 76**

**Name und Spektralbereich**

$R_m$  561\_770  $Y_m$  495\_770

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

$B_m$  380\_495  $M_m$  573\_475

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

6 von maximalem (m)  $C_{AB}$  für  $Q00$

in Buntheitsdiagram ( $a^*, b^*$ )



$XYZ_w=94.8136, 100.0, 107.33$

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

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

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

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

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

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

$n = D65$

**CIELAB 76**

**Name und Spektralbereich**

$R_m$  561\_770     $Y_m$  495\_770

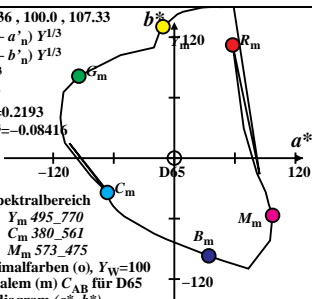
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  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     $Y_m$  495\_770

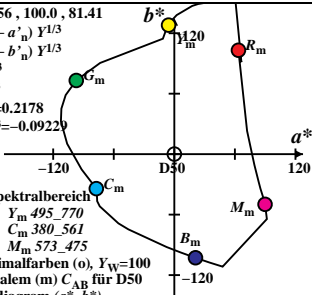
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  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     $Y_m$  495\_770

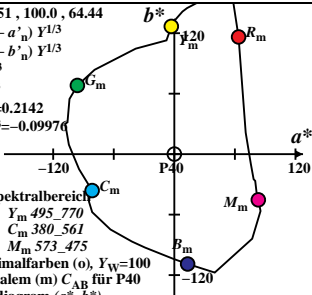
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  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     $Y_m$  495\_770

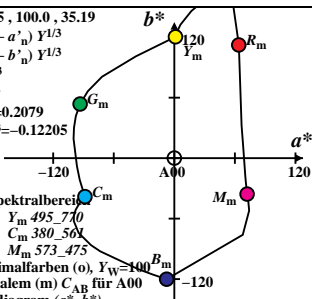
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  573\_475

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

6 von maximalem (m)  $C_{AB}$  für A00

in Buntheitsdiagramm ( $a^*$ ,  $b^*$ )



$XYZ_w = 99.9908, 99.9999, 100.0$

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

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

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

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

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

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

$n = E00$

**CIELAB 76**

**Name und Spektralbereich**

$R_m$  561\_770     $Y_m$  495\_770

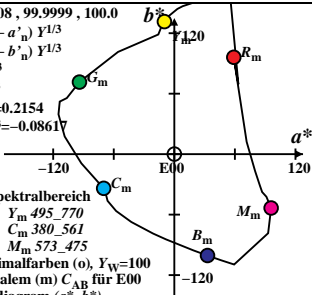
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  573\_475

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

6 von maximalem (m)  $C_{AB}$  für E00

in Buntheitsdiagramm ( $a^*$ ,  $b^*$ )



$XYZ_w = 97.2866, 100.0, 116.14$

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

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

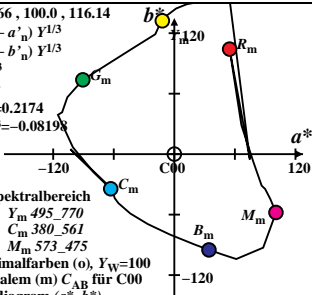
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = C00$



$XYZ_w = 102.375, 100.0, 81.25$

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

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

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

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

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

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

$n = P00$

**CIELAB 76**

**Name und Spektralbereich**

$R_m$  561\_770     $Y_m$  495\_770

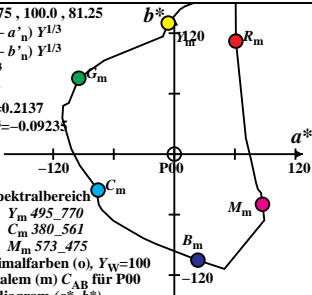
$G_m$  475\_573     $C_m$  380\_561

$B_m$  380\_495     $M_m$  573\_475

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

**6 von maximalem (m)  $C_{AB}$  für P00**

**in Buntheitsdiagramm ( $a^*, b^*$ )**



$XYZ_w = 97.65, 100.0, 118.42$

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

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

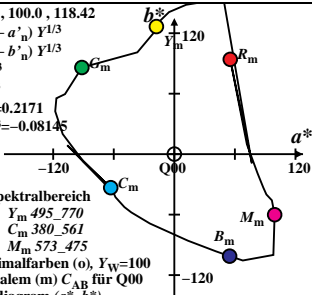
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = Q00$



**CIE LAB 76**

**Name und Spektralbereich**

$R_m$  561\_770  $Y_m$  495\_770

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

$B_m$  380\_495  $M_m$  573\_475

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

6 von maximalem (m)  $C_{AB}$  für Q00

in Buntheitsdiagram ( $a^*, b^*$ )