

$XYZ_w=95.0443, 100.0, 108.89$

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

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

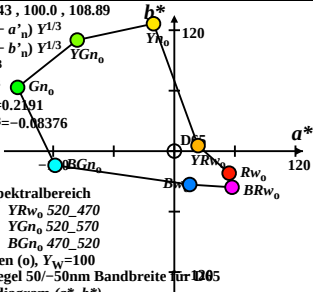
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = D65$



CIELAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w=100$

von in der Regel 50/-50nm Bandbreite für 1205

in Buntheitsdiagramm (a^* , b^*)

$XYZ_w = 96.4228, 100.0, 82.49$

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

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

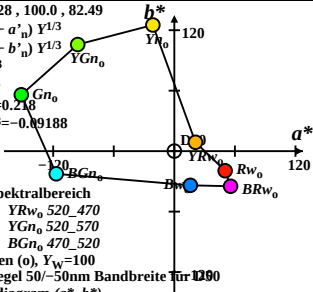
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = D50$



CIELAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 100$

von in der Regel 50/-50nm Bandbreite für 1290

in Buntheitsdiagram (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

Rw_0 545_495 YRw_0 520_470

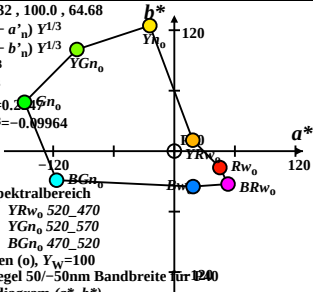
Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 100$

von in der Regel 50/-50nm Bandbreite für 120

in Buntheitsdiagramm (a^* , b^*)



$XYZ_w = 109.849, 100.0, 35.58$

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

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

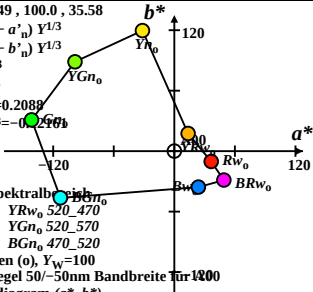
$a = a_2 [x/y]^{1/3}$

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

$a_2 = [1/X_n]^{1/3} = 0.2089$

$b_2 = -[1/Z_n]^{1/3} = -0.2161$

$n = A00$



CIE LAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 100$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^*, b^*)

$XYZ_w = 100.001, 100.0, 100.0$

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

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

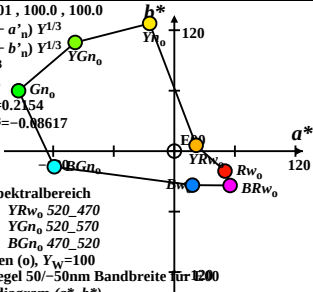
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = E00$



CIE Lab 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 100$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^*, b^*)

$XYZ_w = 98.0718, 100.0, 118.22$

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

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

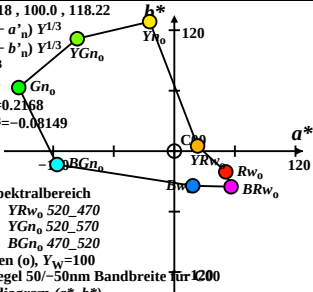
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = C00$



CIE LAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 100$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^* , b^*)

$XYZ_w = 102.067, 100.0, 81.06$

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

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

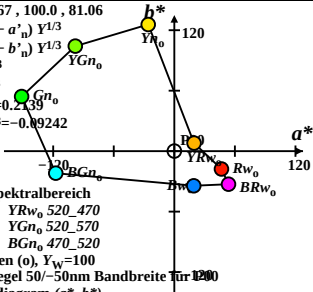
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = P00$



CIE LAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 100$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^* , b^*)

$XYZ_w=97.9332, 100.0, 118.95$

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

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

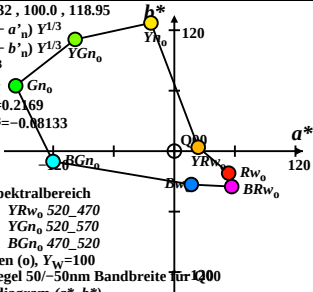
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = Q00$



CIE LAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w=100$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^*, b^*)

$XYZ_w = 83.9954, 88.59, 95.08$

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

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

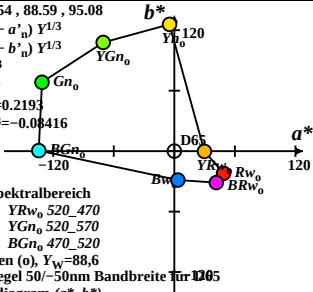
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = D65$



CIE LAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 88,6$

von in der Regel 50/-50nm Bandbreite für 1205

in Buntheitsdiagram (a^*, b^*)

$XYZ_w = 85.6893, 88.59, 72.12$

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

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

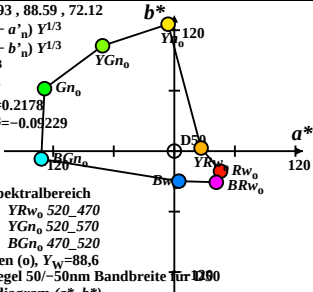
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = D50$



CIE LAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 88,6$

von in der Regel 50/-50nm Bandbreite für 1290

in Buntheitsdiagram (a^* , b^*)

$XYZ_w=98.468, 88.59, 31.18$

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

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

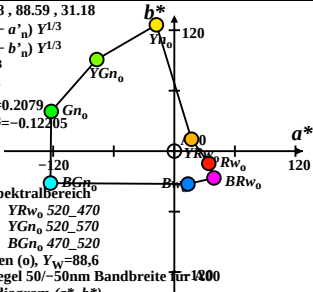
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = A00$



CIELAB 76

Name und Spektralbereich

R_{w0} 545_495 Y_{Rw0} 520_470

Y_{n0} 545_595 Y_{Gn0} 520_570

G_{n0} 495_545 B_{Gn0} 470_520

Optimalfarben (o), $Y_w=88,6$

von in der Regel 50/-50nm Bandbreite für 120

in Buntheitsdiagram (a^*, b^*)

$XYZ_w=88.5818, 88.59, 88.59$

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

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

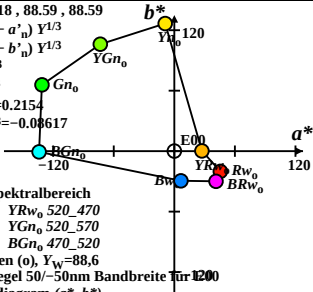
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = E00$



CIELAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w=88,6$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^*, b^*)

$XYZ_w = 86.1862, 88.59, 102.89$

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

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

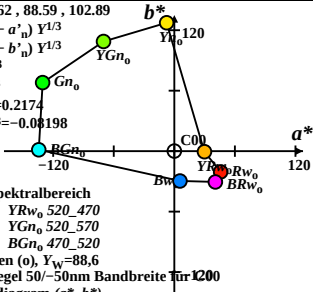
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = C00$



CIELAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w = 88,6$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^*, b^*)

$XYZ_w=90.6941, 88.59, 71.98$

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

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

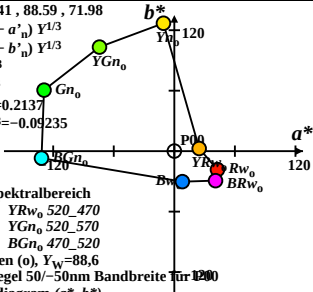
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = P00$



CIE LAB 76

Name und Spektralbereich

Rw_0 545_495 YRw_0 520_470

Yn_0 545_595 YGn_0 520_570

Gn_0 495_545 BGn_0 470_520

Optimalfarben (o), $Y_w=88,6$

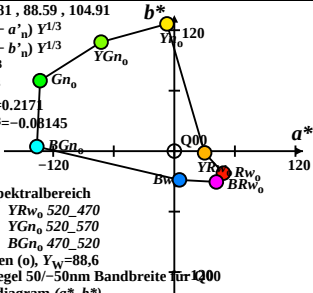
von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^* , b^*)

$XYZ_w=86.5081, 88.59, 104.91$

$$a^* = 500 (a' - a'_n) Y^{1/3}$$
$$b^* = 500 (b' - b'_n) Y^{1/3}$$
$$a = a_2 [x/y]^{1/3}$$
$$b = b_2 [z/y]^{1/3}$$
$$a_2 = [1/X_n]^{1/3} = 0.217$$
$$b_2 = -[1/Z_0]^{1/3} = -0.08145$$

$n = 900$



CIELAB 76

Name und Spektralbereich

R_{w0} 545_495 YR_{w0} 520_470

Yn₀ 545_595 YGn₀ 520_570

Gn₀ 495_545 BGn₀ 470_520

Optimalfarben (o), $Y_w=88,6$

von in der Regel 50/-50nm Bandbreite für 1200

in Buntheitsdiagram (a^*, b^*)