

$XYZ_w=95.0443, 100.0, 108.89$

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

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

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

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

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

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

$n = D65$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

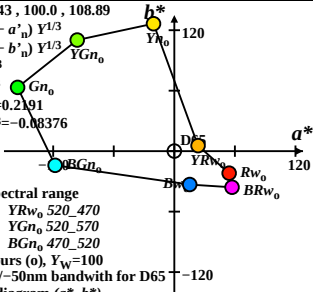
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=100$**

**of usually 50/-50nm bandwidth for D65**

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



$XYZ_w=96.4228, 100.0, 82.49$

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

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

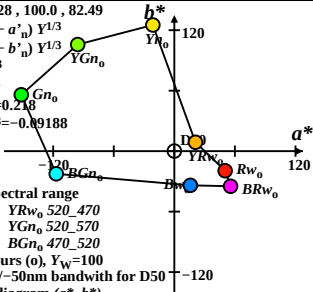
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = D50$



**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=100$**

**of usually 50/-50nm bandwidth for D50**

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

$XYZ_w = 100.932, 100.0, 64.68$

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

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

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

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

$a_2 = [1/X_n]^{1/3} = 0.2147n_0$

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

$n = P40$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

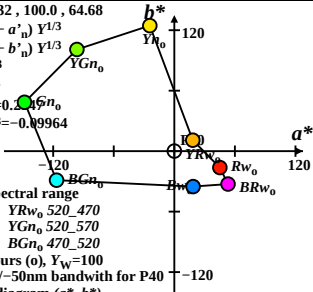
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w = 100$**

**of usually 50/-50nm bandwidth for P40**

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



$XYZ_w = 109.849, 100.0, 35.58$

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

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

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

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

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

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

$n = A00$

CIELAB 76

Name and spectral range

$Rw_0$  545\_495  $YRw_0$  520\_470

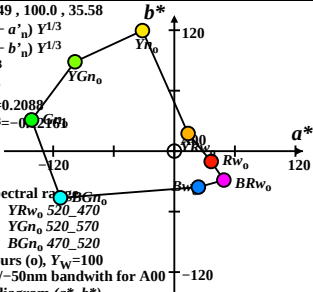
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

Optimal colours (o),  $Y_w = 100$

of usually 50/-50nm bandwidth for A00

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



$XYZ_w = 100.001, 100.0, 100.0$

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

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

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

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

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

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

$n = E00$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

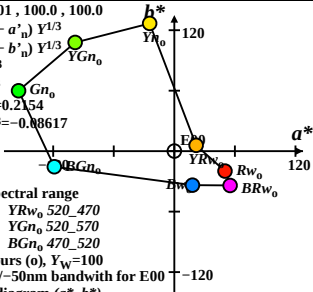
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w = 100$**

**of usually 50/-50nm bandwidth for E00**

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



$XYZ_w=98.0718, 100.0, 118.22$

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

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

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

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

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

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

$n = C00$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

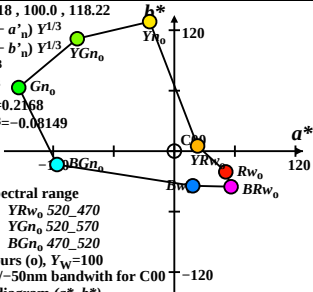
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=100$**

**of usually 50/-50nm bandwidth for C00**

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



$XYZ_w = 102.067, 100.0, 81.06$

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

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

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

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

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

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

$n = P00$

CIELAB 76

Name and spectral range

$Rw_0$  545\_495  $YRw_0$  520\_470

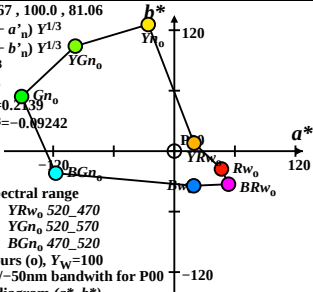
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

Optimal colours (o),  $Y_w = 100$

of usually 50/-50nm bandwidth for P00

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



$XYZ_w=97.9332, 100.0, 118.95$

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

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

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

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

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

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

$n = Q00$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

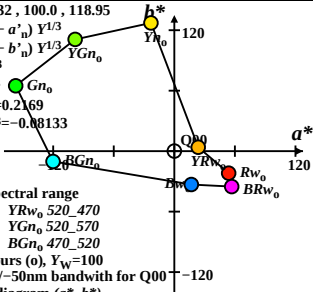
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=100$**

**of usually 50/-50nm bandwidth for Q00**

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



$XYZ_w=83.9954, 88.59, 95.08$

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

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

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

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

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

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

$n = D65$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

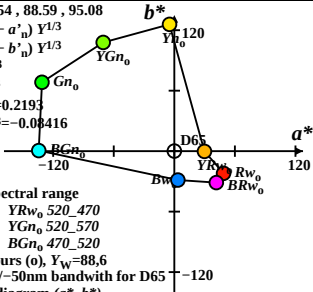
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=88,6$**

**of usually 50/-50nm bandwidth for D65**

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



$XYZ_w = 85.6893, 88.59, 72.12$

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

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

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

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

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

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

$n = D50$

CIELAB 76

Name and spectral range

$Rw_0$  545\_495  $YRw_0$  520\_470

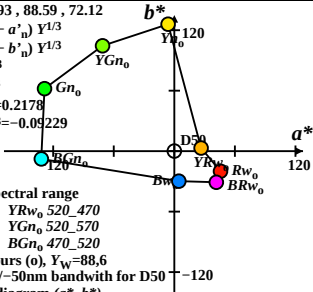
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

Optimal colours (o),  $Y_w = 88.6$

of usually 50/-50nm bandwidth for D50

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



$XYZ_w=90.1416, 88.59, 57.09$

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

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

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

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

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

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

$n = P40$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

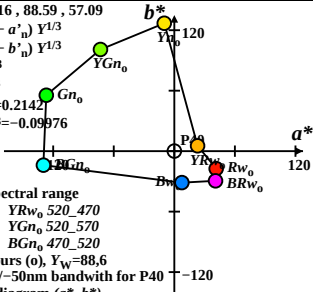
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=88,6$**

**of usually 50/-50nm bandwidth for P40**

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



$XYZ_w=98.468, 88.59, 31.18$

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

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

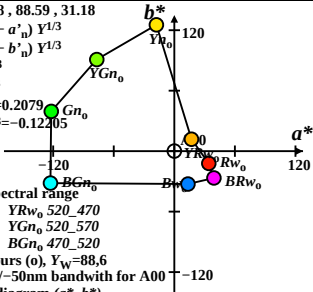
$a = a_2 [x/y]^{1/3}$

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

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

$b_2 = -[1/Z_n]^{1/3} = -0.122405$

$n = A00$



**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=88,6$**

**of usually 50/-50nm bandwidth for A00**

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

$XYZ_w=88.5818, 88.59, 88.59$

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

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

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

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

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

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

$n = E00$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

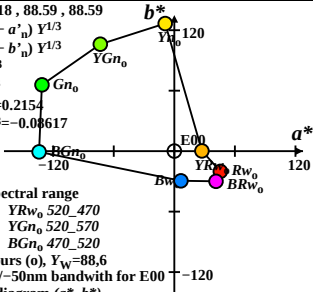
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=88,6$**

**of usually 50/-50nm bandwidth for E00**

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



$XYZ_w = 86.1862, 88.59, 102.89$

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

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

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

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

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

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

$n = C00$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

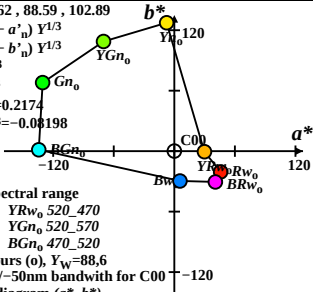
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w = 88.6$**

**of usually 50/-50nm bandwidth for C00**

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



$XYZ_w=90.6941, 88.59, 71.98$

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

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

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

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

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

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

$n = P00$

**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

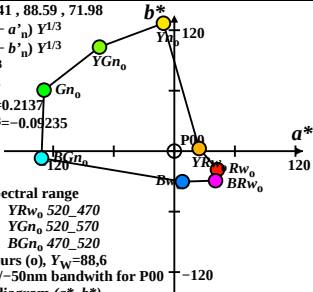
$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w=88,6$**

**of usually 50/-50nm bandwidth for P00**

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



$XYZ_w = 86.5081, 88.59, 104.91$

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

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

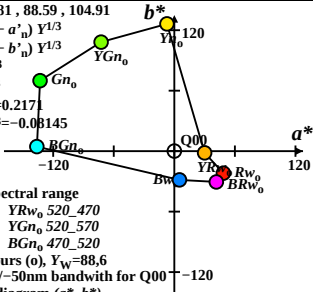
$a = a_2 [x/y]^{1/3}$

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

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

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

$n = Q00$



**CIELAB 76**

**Name and spectral range**

$Rw_0$  545\_495  $YRw_0$  520\_470

$Yn_0$  545\_595  $YGn_0$  520\_570

$Gn_0$  495\_545  $BGn_0$  470\_520

**Optimal colours (o),  $Y_w = 88.6$**

**of usually 50/-50nm bandwidth for Q00**

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