

$XYZ_w=95.0443, 100.0, 108.89$ b^*

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

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

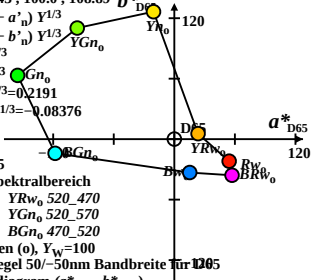
$a' = a_2 [x/y]^{1/3}$

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

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

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

$n = D65$



CIELAB D65

Name 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 Buntheitsdiagram (a^*_{D65}, b^*_{D65})