

$XYZ_w=858.975, 908.216, 956.204$

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

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

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

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

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

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

$n = D65$

CIELAB D65

Name of the device colour

$R_{d,RECS}$

$Y_{d,RECS}$

$G_{d,RECS}$

$C_{d,RECS}$

$B_{d,RECS}$

$M_{d,RECS}$

Device and elementary colours, $Y_w=100$

of the offset colour space for D65

in chroma diagram (a^*_{D65}, b^*_{D65})

