

$XYZ_w=95.0443, 100.0, 108.89$

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

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

$a = a_2 [x/y + 1]$

$b = b_2 [z/y + 1/6]^{1/3}$

$a_2 = 1/15 = 0.06666$

$b_2 = -1/12 = -0.08333$

$n = D65$

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Name and spectral range

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

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

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

Optimal colours (o),  $Y_w=100$

6 of maximum (m) chroma for D65

in chroma diagram ( $A^*$ ,  $B^*$ )

