

$XYZ_w = 95.0443, 100.0, 108.89$

$A = (a - a_n) Y$

$B = (b - b_n) Y$

$a = a_2 [x/y]$

$b = b_2 [z/y]$

$a_2 = 1$

$b_2 = -0.4$

$n = D65$

LABCab 85

Name and spectral range

Rn_0 595_445 YRn_0 570_770

Yw_0 495_445 YGw_0 470_620

Gw_0 445_595 BGw_0 770_570

Optimal colours (o), $Y_w = 100$

of usually 100nm bandwidth for D65
in chromatic value diagram (A, B)

