

$XYZ_w=96.4228, 100.0, 82.49$   $b^*_{D65}$

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

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

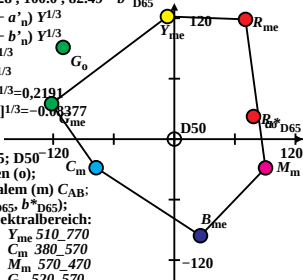
$a' = a_{20} [x/y]^{1/3}$

$b' = b_{20} [z/y]^{1/3}$

$a_{20} = [1/X_{D65}]^{1/3} = 0,2191$

$b_2 = -[1/Z_{D65}]^{1/3} = -0,08377$

$n = D50$



CIELAB\_D65; D50-120

Optimalfarben (o);

6 von maximalem (m)  $C_{AB}$ ;

Buntheit ( $a^*_{D65}, b^*_{D65}$ );

Name und Spektralbereich:

$R_{me}$  570\_770  $Y_{me}$  510\_770

$G_{me}$  470\_570  $C_m$  380\_570

$B_{me}$  380\_510  $M_m$  570\_470

$R_o$  570\_440  $G_o$  520\_570