

$$XYZ_w=84.1998, 88.59, 96.46$$

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

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

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

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

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

$$b_2 = -[1/Z_0]^{1/3} = -0.08376$$

$n = D65$

CIELAB 76

Name and chromaticity

$R_{d,sRGB} \quad x=0,64 \quad y=0,33$

$G_{d,sRGB} \quad x=0,30 \quad y=0,60$

$$B_{d,SRGB} \quad x=0,18 \quad y=0,06$$

**Basic and mixture colours, $Y_W=88,6$
of the sRGB colour space for D65
in CIELAB diagram (a^* , b^*)**

