

$XYZ_w = 100.0, 100.0, 116.25$

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

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

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

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

$a_2 = 1/15 = 0.06666$

$b_2 = -1/12 = -0.08333$

$n = E00$

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Name and tristimulus value

Munsell Value 1, 2, 5, 8, 9

$Y = 1.21, 3.13, 19.8, 59.1, 78.7$

$L^*$  about 10, 20, 50, 80, 90

Munsell colours (40 \* 5) of  
Munsell chroma  $C=2$ , illuminant C,  
in chroma diagram ( $A^*$ ,  $B^*$ )

