

Munsell Chroma $C = 2$ and Value $V = 1, 5,$ and 9 (Munsell Renotation Data) in CIELAB (a^*, b^*) chroma diagram normalized for surround (U)

$$a^*(F) - a^*(U)$$

$$a' = 0,2191 [x / y]^{0,3333}$$

$$b' = -0,08376 [z / y]^{0,3333}$$

$$a^* = 500 [a' - a'_U] Y^{0,3333}$$

$$b^* = 500 [b' - b'_U] Y^{0,3333}$$

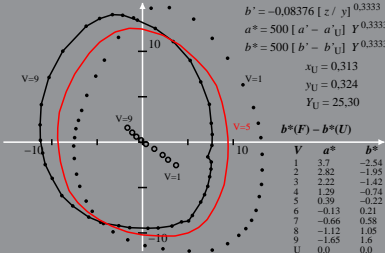
$$x_U = 0,313$$

$$y_U = 0,324$$

$$Y_U = 25,30$$

$$a^*(F) - a^*(U)$$

$$b^*(F) - b^*(U)$$



V	a^*	b^*
1	3.7	-2.54
2	2.82	-1.95
3	2.22	-1.42
4	1.29	-0.74
5	0.39	-0.22
6	-0.13	0.21
7	-0.66	0.58
8	-1.12	1.05
9	-1.65	1.6
U	0.0	0.0