

Munsell (Renotation) Chroma $C = 2$ and Value $V = 1, 5, \text{ and } 9$

in chroma diagram ($a^*(F,U), b^*(F,U)$)

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

$$a'_{20} = 0.2191, b'_{20} = -0.0837$$

$$x_c = 0.11, m = 0.333, n = 0.341$$

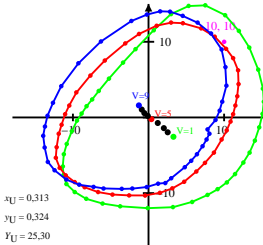
$$a' = a'_{20} [(x - x_c) / y]^U$$

$$b' = b'_{20} [z / y]^U$$

$$a^* = 500 [a' - a'_U] Y^n$$

$$b^* = 500 [b' - b'_U] Y^n$$

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



$$x_U = 0.313$$

$$y_U = 0.324$$

$$Y_U = 25.30$$

| V | $a^*(F,U)$ | $b^*(F,U)$ |
|---|------------|------------|
| 1 | 3.295 | -2.54 |
| 2 | 2.519 | -1.95 |
| 3 | 2.025 | -1.423 |
| 4 | 1.22 | -0.742 |
| 5 | 0.37 | -0.223 |
| 6 | -0.073 | 0.209 |
| 7 | -0.547 | 0.585 |
| 8 | -0.889 | 1.05 |
| 9 | -1.289 | 1.598 |
| U | 0.0 | 0.0 |