

Munsell (Retnotation) Chroma C = 2 and Value V = 1, 5, and 9
in chromaticity diagram ($a'(F,U)$, $b'(F,U)$)

$$b'(F,U) = b'(F) - b'(U)$$

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

$$x_c = 0.0, m = -0.333, n = -0.341$$

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

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

$$a'(F,U) = a'(F) - a'(U)$$

$$V \quad a'(F,U) \quad b'(F,U)$$

| | | |
|---|---------|---------|
| 1 | 0.0069 | -0.0047 |
| 2 | 0.0038 | -0.0026 |
| 3 | 0.0023 | -0.0015 |
| 4 | 0.0011 | -0.0006 |
| 5 | 0.0002 | -0.0001 |
| 6 | 0.0 | 0.0001 |
| 7 | -0.0003 | 0.0003 |
| 8 | -0.0005 | 0.0005 |
| 9 | -0.0007 | 0.0007 |
| U | 0.0 | 0.0 |

$x_U = 0,313$
 $y_U = 0,324$
 $Y_U = 25,30$

ced60-1a

Munsell (Retnotation) Chroma C = 2 and Value V = 1, 5, and 9
in chroma diagram ($a^*(F,U)$, $b^*(F,U)$)

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

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

$$x_c = 0.0, m = -0.333, n = -0.341$$

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

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

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

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

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

$$V \quad a^*(F,U) \quad b^*(F,U)$$

| | | |
|---|--------|--------|
| 1 | 3.702 | -2.54 |
| 2 | 2.825 | -1.95 |
| 3 | 2.217 | -1.423 |
| 4 | 1.293 | -0.742 |
| 5 | 0.392 | -0.223 |
| 6 | -0.136 | 0.209 |
| 7 | -0.668 | 0.585 |
| 8 | -1.122 | 1.05 |
| 9 | -1.651 | 1.598 |
| U | 0.0 | 0.0 |

$x_U = 0,313$
 $y_U = 0,324$
 $Y_U = 25,30$

ced60-2a

Munsell (Retnotation) Chroma C = 2 and Value V = 1, 5, and 9
in chromaticity diagram ($a'(F,U)$, $b'(F,U)$)

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| 7 | -0.0003 | 0.0003 |
| 8 | -0.0005 | 0.0005 |
| 9 | -0.0007 | 0.0007 |
| U | 0.0 | 0.0 |

$x_U = 0,313$
 $y_U = 0,324$
 $Y_U = 25,30$

ced60-3a

Munsell (Retnotation) Chroma C = 2 and Value V = 1, 5, and 9
in chroma diagram ($a^*(F,U)$, $b^*(F,U)$)

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

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

$$x_c = 0.0, m = -0.333, n = -0.341$$

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

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

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

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

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

$$V \quad a^*(F,U) \quad b^*(F,U)$$

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|---|--------|--------|
| 1 | 3.702 | -2.54 |
| 2 | 2.825 | -1.95 |
| 3 | 2.217 | -1.423 |
| 4 | 1.293 | -0.742 |
| 5 | 0.392 | -0.223 |
| 6 | -0.136 | 0.209 |
| 7 | -0.668 | 0.585 |
| 8 | -1.122 | 1.05 |
| 9 | -1.651 | 1.598 |
| U | 0.0 | 0.0 |

$x_U = 0,313$
 $y_U = 0,324$
 $Y_U = 25,30$

ced60-4a