

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(2F5F12) Hex(6A7D5F) Hex(5F4212) Hex(34402D) Hex(BFBFBF) Hex(404040)

| | Hex(2F5F12) | Hex(6A7D5F) | Hex(5F4212) | Hex(34402D) | Hex(BFBFBF) | Hex(404040) |
|-------------|--|---|---|---|---|---|
| Hex(2F5F12) | | Ratio: 1.70 Failed⁵ | Ratio: 1.22 Failed⁵ | Ratio: 1.44 Failed⁵ | Ratio: 4.13 AA 18pt² | Ratio: 1.37 Failed⁵ |
| Hex(6A7D5F) | Ratio: 1.70 Failed⁵ | | Ratio: 2.07 Failed⁵ | Ratio: 2.46 Failed⁵ | Ratio: 2.42 Failed⁵ | Ratio: 2.33 Failed⁵ |
| Hex(5F4212) | Ratio: 1.22 Failed⁵ | Ratio: 2.07 Failed⁵ | | Ratio: 1.19 Failed⁵ | Ratio: 5.02 AA¹ AAA 18pt⁴ | Ratio: 1.12 Failed⁵ |
| Hex(34402D) | Ratio: 1.44 Failed⁵ | Ratio: 2.46 Failed⁵ | Ratio: 1.19 Failed⁵ | | Ratio: 5.96 AA¹ AAA 18pt⁴ | Ratio: 1.06 Failed⁵ |
| Hex(BFBFBF) | Ratio: 4.13 AA 18pt² | Ratio: 2.42 Failed⁵ | Ratio: 5.02 AA¹ AAA 18pt⁴ | Ratio: 5.96 AA¹ AAA 18pt⁴ | | Ratio: 5.64 AA¹ AAA 18pt⁴ |
| Hex(404040) | Ratio: 1.37 Failed⁵ | Ratio: 2.33 Failed⁵ | Ratio: 1.12 Failed⁵ | Ratio: 1.06 Failed⁵ | Ratio: 5.64 AA¹ AAA 18pt⁴ | |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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