

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(914C4C) Hex(763435) Hex(5B1C20) Hex(410308) Hex(2B0001) Hex(000000)

| | Hex(914C4C) | Hex(763435) | Hex(5B1C20) | Hex(410308) | Hex(2B0001) | Hex(000000) |
|-------------|---|--|--|--|---|---|
| Hex(914C4C) | | Ratio: 1.44 Failed ⁵ | Ratio: 2.05 Failed ⁵ | Ratio: 2.69 Failed ⁵ | Ratio: 3.03 AA 18pt ² | Ratio: 3.34 AA 18pt ² |
| Hex(763435) | Ratio: 1.44 Failed ⁵ | | Ratio: 1.42 Failed ⁵ | Ratio: 1.86 Failed ⁵ | Ratio: 2.10 Failed ⁵ | Ratio: 2.31 Failed ⁵ |
| Hex(5B1C20) | Ratio: 2.05 Failed ⁵ | Ratio: 1.42 Failed ⁵ | | Ratio: 1.31 Failed ⁵ | Ratio: 1.48 Failed ⁵ | Ratio: 1.63 Failed ⁵ |
| Hex(410308) | Ratio: 2.69 Failed ⁵ | Ratio: 1.86 Failed ⁵ | Ratio: 1.31 Failed ⁵ | | Ratio: 1.13 Failed ⁵ | Ratio: 1.24 Failed ⁵ |
| Hex(2B0001) | Ratio: 3.03 AA 18pt ² | Ratio: 2.10 Failed ⁵ | Ratio: 1.48 Failed ⁵ | Ratio: 1.13 Failed ⁵ | | Ratio: 1.10 Failed ⁵ |
| Hex(000000) | Ratio: 3.34 AA 18pt ² | Ratio: 2.31 Failed ⁵ | Ratio: 1.63 Failed ⁵ | Ratio: 1.24 Failed ⁵ | Ratio: 1.10 Failed ⁵ | |

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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