

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(8C797E) Hex(B898A1) Hex(8C7D79) Hex(474042) Hex(870024) Hex(080002)

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|--------------------|---|---|---|---|---|---|
| Hex(8C797E) | | Ratio: 1.56 Failed ⁵ | Ratio: 1.03 Failed ⁵ | Ratio: 2.48 Failed ⁵ | Ratio: 2.51 Failed ⁵ | Ratio: 5.09 AA ¹ AAA 18pt ⁴ |
| Hex(B898A1) | Ratio: 1.56 Failed ⁵ | | Ratio: 1.51 Failed ⁵ | Ratio: 3.87 AA 18pt ² | Ratio: 3.91 AA 18pt ² | Ratio: 7.95 Passed ⁶ |
| Hex(8C7D79) | Ratio: 1.03 Failed ⁵ | Ratio: 1.51 Failed ⁵ | | Ratio: 2.56 Failed ⁵ | Ratio: 2.59 Failed ⁵ | Ratio: 5.27 AA ¹ AAA 18pt ⁴ |
| Hex(474042) | Ratio: 2.48 Failed ⁵ | Ratio: 3.87 AA 18pt ² | Ratio: 2.56 Failed ⁵ | | Ratio: 1.01 Failed ⁵ | Ratio: 2.06 Failed ⁵ |
| Hex(870024) | Ratio: 2.51 Failed ⁵ | Ratio: 3.91 AA 18pt ² | Ratio: 2.59 Failed ⁵ | Ratio: 1.01 Failed ⁵ | | Ratio: 2.03 Failed ⁵ |
| Hex(080002) | Ratio: 5.09 AA ¹ AAA 18pt ⁴ | Ratio: 7.95 Passed ⁶ | Ratio: 5.27 AA ¹ AAA 18pt ⁴ | Ratio: 2.06 Failed ⁵ | Ratio: 2.03 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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