

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(758AA2) Hex(8EAFD4) Hex(7675A2) Hex(494D52) Hex(004491) Hex(000812)

| | | | | | | |
|--------------------|---|---|---|---|---|---|
| Hex(758AA2) | | Ratio: 1.56 Failed ⁵ | Ratio: 1.22 Failed ⁵ | Ratio: 2.40 Failed ⁵ | Ratio: 2.64 Failed ⁵ | Ratio: 5.67 AA ¹ AAA 18pt ⁴ |
| Hex(8EAFD4) | Ratio: 1.56 Failed ⁵ | | Ratio: 1.91 Failed ⁵ | Ratio: 3.74 AA 18pt ² | Ratio: 4.13 AA 18pt ² | Ratio: 8.85 Passed ⁶ |
| Hex(7675A2) | Ratio: 1.22 Failed ⁵ | Ratio: 1.91 Failed ⁵ | | Ratio: 1.96 Failed ⁵ | Ratio: 2.16 Failed ⁵ | Ratio: 4.64 AA ¹ AAA 18pt ⁴ |
| Hex(494D52) | Ratio: 2.40 Failed ⁵ | Ratio: 3.74 AA 18pt ² | Ratio: 1.96 Failed ⁵ | | Ratio: 1.10 Failed ⁵ | Ratio: 2.36 Failed ⁵ |
| Hex(004491) | Ratio: 2.64 Failed ⁵ | Ratio: 4.13 AA 18pt ² | Ratio: 2.16 Failed ⁵ | Ratio: 1.10 Failed ⁵ | | Ratio: 2.14 Failed ⁵ |
| Hex(000812) | Ratio: 5.67 AA ¹ AAA 18pt ⁴ | Ratio: 8.85 Passed ⁶ | Ratio: 4.64 AA ¹ AAA 18pt ⁴ | Ratio: 2.36 Failed ⁵ | Ratio: 2.14 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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