

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

| | Hex(0837C5) | Hex(B0000A) | Hex(005800) | Hex(00628E) |
|-------------|--|--|--|--|
| Hex(0837C5) | | Ratio: 1.21 Failed ⁵ | Ratio: 1.01 Failed ⁵ | Ratio: 1.33 Failed ⁵ |
| Hex(B0000A) | Ratio: 1.21 Failed ⁵ | | Ratio: 1.19 Failed ⁵ | Ratio: 1.10 Failed ⁵ |
| Hex(005800) | Ratio: 1.01 Failed ⁵ | Ratio: 1.19 Failed ⁵ | | Ratio: 1.31 Failed ⁵ |
| Hex(00628E) | Ratio: 1.33 Failed ⁵ | Ratio: 1.10 Failed ⁵ | Ratio: 1.31 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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