

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B3B8C0) Hex(E6EEFA) Hex(B4B3C0) Hex(575B61) Hex(0040A1) Hex(000D21)

| | | | | | | |
|--------------------|---|---|---|---|---|--|
| Hex(B3B8C0) | | Ratio: 1.71 Failed ⁵ | Ratio: 1.04 Failed ⁵ | Ratio: 3.43 AA 18pt ² | Ratio: 4.69 AA ¹ AAA 18pt ⁴ | Ratio: 9.76 Passed ⁶ |
| Hex(E6EEFA) | Ratio: 1.71 Failed ⁵ | | Ratio: 1.77 Failed ⁵ | Ratio: 5.85 AA ¹ AAA 18pt ⁴ | Ratio: 8.00 Passed ⁶ | Ratio: 16.65 Passed ⁶ |
| Hex(B4B3C0) | Ratio: 1.04 Failed ⁵ | Ratio: 1.77 Failed ⁵ | | Ratio: 3.30 AA 18pt ² | Ratio: 4.52 AA ¹ AAA 18pt ⁴ | Ratio: 9.40 Passed ⁶ |
| Hex(575B61) | Ratio: 3.43 AA 18pt ² | Ratio: 5.85 AA ¹ AAA 18pt ⁴ | Ratio: 3.30 AA 18pt ² | | Ratio: 1.37 Failed ⁵ | Ratio: 2.85 Failed ⁵ |
| Hex(0040A1) | Ratio: 4.69 AA ¹ AAA 18pt ⁴ | Ratio: 8.00 Passed ⁶ | Ratio: 4.52 AA ¹ AAA 18pt ⁴ | Ratio: 1.37 Failed ⁵ | | Ratio: 2.08 Failed ⁵ |
| Hex(000D21) | Ratio: 9.76 Passed ⁶ | Ratio: 16.65 Passed ⁶ | Ratio: 9.40 Passed ⁶ | Ratio: 2.85 Failed ⁵ | Ratio: 2.08 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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