

Converting Colors - WCAG Matrix

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

Hex(B8BACC) Hex(E0E3FF) Hex(C0B8CC) Hex(5C5D66) Hex(0011A6) Hex(000426)

	Hex(B8BACC)	Hex(E0E3FF)	Hex(C0B8CC)	Hex(5C5D66)	Hex(0011A6)	Hex(000426)
Hex(B8BACC)		Ratio: 1.52 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 10.46 Passed ⁶
Hex(E0E3FF)	Ratio: 1.52 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 10.18 Passed ⁶	Ratio: 15.88 Passed ⁶
Hex(C0B8CC)	Ratio: 1.00 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 3.41 AA 18pt ²	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 10.49 Passed ⁶
Hex(5C5D66)	Ratio: 3.40 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²		Ratio: 1.97 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(0011A6)	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 10.18 Passed ⁶	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵		Ratio: 1.56 Failed ⁵
Hex(000426)	Ratio: 10.46 Passed ⁶	Ratio: 15.88 Passed ⁶	Ratio: 10.49 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 1.56 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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