

Converting Colors - WCAG Matrix

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

Hex(AABBE6) Hex(B0C7FF) Hex(B6AAE6) Hex(676B73) Hex(0034B3) Hex(000F33)

	Hex(AABBE6)	Hex(B0C7FF)	Hex(B6AAE6)	Hex(676B73)	Hex(0034B3)	Hex(000F33)
Hex(AABBE6)		Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 9.82 Passed ⁶
Hex(B0C7FF)	Ratio: 1.14 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 11.16 Passed ⁶
Hex(B6AAE6)	Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 8.85 Passed ⁶
Hex(676B73)	Ratio: 2.79 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(0034B3)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 1.83 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(000F33)	Ratio: 9.82 Passed ⁶	Ratio: 11.16 Passed ⁶	Ratio: 8.85 Passed ⁶	Ratio: 3.52 AA 18pt ²	Ratio: 1.92 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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