

Converting Colors - WCAG Matrix

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

Hex(AEDBE9) Hex(B3EDFF) Hex(AEBEE9) Hex(6A7375) Hex(008AB5) Hex(002936)

Hex(AEDBE9)		Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 10.30 Passed ⁶
Hex(B3EDFF)	Ratio: 1.17 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 12.02 Passed ⁶
Hex(AEBEE9)	Ratio: 1.24 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 8.28 Passed ⁶
Hex(6A7375)	Ratio: 3.26 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(008AB5)	Ratio: 2.66 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.87 AA 18pt ²
Hex(002936)	Ratio: 10.30 Passed ⁶	Ratio: 12.02 Passed ⁶	Ratio: 8.28 Passed ⁶	Ratio: 3.15 AA 18pt ²	Ratio: 3.87 AA 18pt ²	

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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