

Converting Colors - WCAG Matrix

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

Hex(677777) Hex(FFFFFF) Hex(9AABAB) Hex(B5C6C6) Hex(D1E2E2) Hex(EDFFFF)

	Hex(677777)	Hex(FFFFFF)	Hex(9AABAB)	Hex(B5C6C6)	Hex(D1E2E2)	Hex(EDFFFF)
Hex(677777)		Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.69 AA ¹ AAA 18pt ⁴		Ratio: 2.39 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(9AABAB)	Ratio: 1.96 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(B5C6C6)	Ratio: 2.65 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(D1E2E2)	Ratio: 3.50 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(EDFFFF)	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 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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