

Converting Colors - WCAG Matrix

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

Hex(AE9EBA) Hex(EDE6F2) Hex(9EAABA) Hex(77737A) Hex(FAFAFA) Hex(7A7A7A)

	Hex(AE9EBA)	Hex(EDE6F2)	Hex(9EAABA)	Hex(77737A)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(AE9EBA)		Ratio: 2.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(EDE6F2)	Ratio: 2.05 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(9EAABA)	Ratio: 1.06 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(77737A)	Ratio: 1.86 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.97 Failed ⁵		Ratio: 4.45 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(FAFAFA)	Ratio: 2.40 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 4.45 AA 18pt ²		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.72 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.11 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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