

Converting Colors - WCAG Matrix

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

Hex(94696A) Hex(BFAEAE) Hex(936994) Hex(615656) Hex(E0E0E0) Hex(616161)

	Hex(94696A)	Hex(BFAEAE)	Hex(936994)	Hex(615656)	Hex(E0E0E0)	Hex(616161)
Hex(94696A)		Ratio: 2.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(BFAEAE)	Ratio: 2.20 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(936994)	Ratio: 1.04 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(615656)	Ratio: 1.51 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.58 Failed ⁵		Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(E0E0E0)	Ratio: 3.54 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.32 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	

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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