

Converting Colors - WCAG Matrix

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

Hex(86A39B) Hex(C9D4D1) Hex(8EA386) Hex(656B69) Hex(EBEBEB) Hex(6B6B6B)

	Hex(86A39B)	Hex(C9D4D1)	Hex(8EA386)	Hex(656B69)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(86A39B)		Ratio: 1.79 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(C9D4D1)	Ratio: 1.79 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(8EA386)	Ratio: 1.00 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(656B69)	Ratio: 2.00 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.00 Failed ⁵		Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(EBEBEB)	Ratio: 2.28 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.96 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.47 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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