

Converting Colors - WCAG Matrix

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

Hex(8938A4) Hex(CBABD6) Hex(3853A4) Hex(65516B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(8938A4)	Hex(CBABD6)	Hex(3853A4)	Hex(65516B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(8938A4)		Ratio: 3.27 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(CBABD6)	Ratio: 3.27 AA 18pt ²		Ratio: 3.51 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(3853A4)	Ratio: 1.08 Failed ⁵	Ratio: 3.51 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(65516B)	Ratio: 1.08 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(EBEBEB)	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.70 Failed ⁵	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 5.99 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.24 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.34 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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