

Converting Colors - WCAG Matrix

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

Hex(8A8F98) Hex(BEC1C4) Hex(8A9893) Hex(5F6163) Hex(E3E3E3) Hex(636363)

	Hex(8A8F98)	Hex(BEC1C4)	Hex(8A9893)	Hex(5F6163)	Hex(E3E3E3)	Hex(636363)
Hex(8A8F98)		Ratio: 1.80 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(BEC1C4)	Ratio: 1.80 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(8A9893)	Ratio: 1.08 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(5F6163)	Ratio: 1.91 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(E3E3E3)	Ratio: 2.53 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.85 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.68 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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