

Converting Colors - WCAG Matrix

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

Hex(8B8C94) Hex(BEBEC2) Hex(8B9493) Hex(5F5F61) Hex(E0E0E0) Hex(616161)

	Hex(8B8C94)	Hex(BEBEC2)	Hex(8B9493)	Hex(5F5F61)	Hex(E0E0E0)	Hex(616161)
Hex(8B8C94)		Ratio: 1.81 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(BEBEC2)	Ratio: 1.81 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(8B9493)	Ratio: 1.08 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(5F5F61)	Ratio: 1.90 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.05 Failed ⁵		Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(E0E0E0)	Ratio: 2.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.85 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.03 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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