

Converting Colors - WCAG Matrix

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

Hex(94828B) Hex(BFB8BB) Hex(8B8294) Hex(615C5E) Hex(E0E0E0) Hex(616161)

	Hex(94828B)	Hex(BFB8BB)	Hex(8B8294)	Hex(615C5E)	Hex(E0E0E0)	Hex(616161)
Hex(94828B)		Ratio: 1.85 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(BFB8BB)	Ratio: 1.85 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(8B8294)	Ratio: 1.02 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(615C5E)	Ratio: 1.82 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.79 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(E0E0E0)	Ratio: 2.73 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.72 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 1.06 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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