

Converting Colors - WCAG Matrix

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

Hex(98727F) Hex(C4B5BA) Hex(8B7298) Hex(635A5D) Hex(E3E3E3) Hex(636363)

	Hex(98727F)	Hex(C4B5BA)	Hex(8B7298)	Hex(635A5D)	Hex(E3E3E3)	Hex(636363)
Hex(98727F)		Ratio: 2.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(C4B5BA)	Ratio: 2.11 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(8B7298)	Ratio: 1.02 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(635A5D)	Ratio: 1.60 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.57 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E3E3E3)	Ratio: 3.24 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.44 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.11 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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