

Converting Colors - WCAG Matrix

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

Hex(996771) Hex(C7B3B7) Hex(8F6799) Hex(63585A) Hex(E3E3E3) Hex(636363)

	Hex(996771)	Hex(C7B3B7)	Hex(8F6799)	Hex(63585A)	Hex(E3E3E3)	Hex(636363)
Hex(996771)		Ratio: 2.33 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.30 Failed ⁵
Hex(C7B3B7)	Ratio: 2.33 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(8F6799)	Ratio: 1.01 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(63585A)	Ratio: 1.47 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.49 Failed ⁵		Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(E3E3E3)	Ratio: 3.61 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.30 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.14 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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