

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(996889) Hex(C7B3C0) Hex(786899) Hex(635860) Hex(E3E3E3) Hex(636363)

Hex(996889)		Ratio: 2.27 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(C7B3C0)	Ratio: 2.27 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(786899)	Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(635860)	Ratio: 1.52 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(E3E3E3)	Ratio: 3.48 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.34 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.13 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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