

Converting Colors - WCAG Matrix

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

Hex(9961B7) Hex(E2CCED) Hex(617FB7) Hex(716378) Hex(F7F7F7) Hex(787878)

	Hex(9961B7)	Hex(E2CCED)	Hex(617FB7)	Hex(716378)	Hex(F7F7F7)	Hex(787878)
Hex(9961B7)		Ratio: 2.97 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 1.00 Failed ⁵
Hex(E2CCED)	Ratio: 2.97 Failed ⁵		Ratio: 2.70 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(617FB7)	Ratio: 1.10 Failed ⁵	Ratio: 2.70 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(716378)	Ratio: 1.26 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(F7F7F7)	Ratio: 4.13 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.00 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.12 AA 18pt ²	

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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