

Converting Colors - WCAG Matrix

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

Hex(9F3853) Hex(CFA7B2) Hex(84389F) Hex(695157) Hex(E8E8E8) Hex(696969)

	Hex(9F3853)	Hex(CFA7B2)	Hex(84389F)	Hex(695157)	Hex(E8E8E8)	Hex(696969)
Hex(9F3853)		Ratio: 3.10 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(CFA7B2)	Ratio: 3.10 AA 18pt ²		Ratio: 3.22 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(84389F)	Ratio: 1.04 Failed ⁵	Ratio: 3.22 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(695157)	Ratio: 1.09 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(E8E8E8)	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.74 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 5.88 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.21 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.48 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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