

Converting Colors - WCAG Matrix

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

Hex(933993) Hex(BF9DBF) Hex(393993) Hex(614C61) Hex(E0E0E0) Hex(616161)

	Hex(933993)	Hex(BF9DBF)	Hex(393993)	Hex(614C61)	Hex(E0E0E0)	Hex(616161)
Hex(933993)		Ratio: 2.71 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(BF9DBF)	Ratio: 2.71 Failed ⁵		Ratio: 4.03 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(393993)	Ratio: 1.49 Failed ⁵	Ratio: 4.03 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 7.30 Passed ⁶	Ratio: 1.55 Failed ⁵
Hex(614C61)	Ratio: 1.20 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(E0E0E0)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.81 Failed ⁵	Ratio: 7.30 Passed ⁶	Ratio: 5.86 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.04 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.69 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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