

Converting Colors - WCAG Matrix

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

Hex(65295A) Hex(826B7E) Hex(342965) Hex(423440) Hex(C2C2C2) Hex(424242)

	Hex(65295A)	Hex(826B7E)	Hex(342965)	Hex(423440)	Hex(C2C2C2)	Hex(424242)
Hex(65295A)		Ratio: 2.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(826B7E)	Ratio: 2.16 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(342965)	Ratio: 1.22 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 7.14 Passed ⁶	Ratio: 1.27 Failed ⁵
Hex(423440)	Ratio: 1.12 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(C2C2C2)	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 2.71 Failed ⁵	Ratio: 7.14 Passed ⁶	Ratio: 6.56 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.04 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.64 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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