

Converting Colors - WCAG Matrix

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

Hex(E292BA) Hex(FF94C9) Hex(E2E292) Hex(70656B) Hex(B00058) Hex(300018)

	Hex(E292BA)	Hex(FF94C9)	Hex(E2E292)	Hex(70656B)	Hex(B00058)	Hex(300018)
Hex(E292BA)		Ratio: 1.14 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 7.95 Passed ⁶
Hex(FF94C9)	Ratio: 1.14 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 9.07 Passed ⁶
Hex(E2E292)	Ratio: 1.71 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 13.63 Passed ⁶
Hex(70656B)	Ratio: 2.41 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 4.13 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(B00058)	Ratio: 3.03 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(300018)	Ratio: 7.95 Passed ⁶	Ratio: 9.07 Passed ⁶	Ratio: 13.63 Passed ⁶	Ratio: 3.30 AA 18pt ²	Ratio: 2.62 Failed ⁵	

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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