

Converting Colors - WCAG Matrix

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

Hex(E594BA) Hex(FF94C6) Hex(94E595) Hex(73676D) Hex(B20054) Hex(330018)

	Hex(E594BA)	Hex(FF94C6)	Hex(94E595)	Hex(73676D)	Hex(B20054)	Hex(330018)
Hex(E594BA)		Ratio: 1.11 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 8.04 Passed ⁶
Hex(FF94C6)	Ratio: 1.11 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 8.93 Passed ⁶
Hex(94E595)	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 3.57 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 12.05 Passed ⁶
Hex(73676D)	Ratio: 2.38 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.57 AA 18pt ²		Ratio: 1.29 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(B20054)	Ratio: 3.07 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(330018)	Ratio: 8.04 Passed ⁶	Ratio: 8.93 Passed ⁶	Ratio: 12.05 Passed ⁶	Ratio: 3.37 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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