

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B76F8D) Hex(ED7EAC) Hex(B1B76F) Hex(5C5356) Hex(9C0041) Hex(1C000C)

Hex(B76F8D)		Ratio: 1.44 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴
Hex(ED7EAC)	Ratio: 1.44 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 7.76 Passed ⁶
Hex(B1B76F)	Ratio: 1.74 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 3.49 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 9.36 Passed ⁶
Hex(5C5356)	Ratio: 2.01 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.49 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C0041)	Ratio: 2.28 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(1C000C)	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 7.76 Passed ⁶	Ratio: 9.36 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 2.36 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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