

Converting Colors - WCAG Matrix

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

Hex(B780AA) Hex(ED98D8) Hex(B7808E) Hex(5C5359) Hex(9C0074) Hex(1C0015)

	Hex(B780AA)	Hex(ED98D8)	Hex(B7808E)	Hex(5C5359)	Hex(9C0074)	Hex(1C0015)
Hex(B780AA)		Ratio: 1.51 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(ED98D8)	Ratio: 1.51 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 9.51 Passed ⁶
Hex(B7808E)	Ratio: 1.03 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(5C5359)	Ratio: 2.36 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C0074)	Ratio: 2.51 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(1C0015)	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 9.51 Passed ⁶	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 2.51 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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