

Converting Colors - WCAG Matrix

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

Hex(AB8A8D) Hex(DEABAE) Hex(8A9DAB) Hex(574E4F) Hex(96000A) Hex(170002)

	Hex(AB8A8D)	Hex(DEABAE)	Hex(8A9DAB)	Hex(574E4F)	Hex(96000A)	Hex(170002)
Hex(AB8A8D)		Ratio: 1.56 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(DEABAE)	Ratio: 1.56 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 10.16 Passed ⁶
Hex(8A9DAB)	Ratio: 1.11 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.87 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 7.22 Passed ⁶
Hex(574E4F)	Ratio: 2.59 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.87 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(96000A)	Ratio: 2.93 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(170002)	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 10.16 Passed ⁶	Ratio: 7.22 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.22 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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