

Converting Colors - WCAG Matrix

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

Hex(AB8C94) Hex(DEADBA) Hex(AB938C) Hex(574E50) Hex(960027) Hex(170006)

	Hex(AB8C94)	Hex(DEADBA)	Hex(AB938C)	Hex(574E50)	Hex(960027)	Hex(170006)
Hex(AB8C94)		Ratio: 1.56 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 6.65 AA ¹ AAA 18pt ⁴
Hex(DEADBA)	Ratio: 1.56 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 10.39 Passed ⁶
Hex(AB938C)	Ratio: 1.05 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 7.01 Passed ⁶
Hex(574E50)	Ratio: 2.65 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.79 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960027)	Ratio: 2.97 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.13 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(170006)	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 10.39 Passed ⁶	Ratio: 7.01 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.24 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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