

Converting Colors - WCAG Matrix

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

Hex(AB8C93) Hex(DEADB8) Hex(A3AB8C) Hex(574E50) Hex(960021) Hex(170005)

	Hex(AB8C93)	Hex(DEADB8)	Hex(A3AB8C)	Hex(574E50)	Hex(960021)	Hex(170005)
Hex(AB8C93)		Ratio: 1.56 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 6.65 AA ¹ AAA 18pt ⁴
Hex(DEADB8)	Ratio: 1.56 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 10.37 Passed ⁶
Hex(A3AB8C)	Ratio: 1.27 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 8.44 Passed ⁶
Hex(574E50)	Ratio: 2.64 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 3.36 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960021)	Ratio: 2.98 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(170005)	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 10.37 Passed ⁶	Ratio: 8.44 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.23 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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