

Converting Colors - WCAG Matrix

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

Hex(AD8A8A) Hex(E0ABAB) Hex(9CAD8A) Hex(574E4E) Hex(960000) Hex(170000)

	Hex(AD8A8A)	Hex(E0ABAB)	Hex(9CAD8A)	Hex(574E4E)	Hex(960000)	Hex(170000)
Hex(AD8A8A)		Ratio: 1.56 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴
Hex(E0ABAB)	Ratio: 1.56 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 10.21 Passed ⁶
Hex(9CAD8A)	Ratio: 1.29 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 8.45 Passed ⁶
Hex(574E4E)	Ratio: 2.60 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 3.36 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960000)	Ratio: 2.95 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(170000)	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 10.21 Passed ⁶	Ratio: 8.45 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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