

Converting Colors - WCAG Matrix

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

Hex(AD8595) Hex(E0A2BA) Hex(AD8985) Hex(574E51) Hex(96003B) Hex(170009)

	Hex(AD8595)	Hex(E0A2BA)	Hex(AD8985)	Hex(574E51)	Hex(96003B)	Hex(170009)
Hex(AD8595)		Ratio: 1.53 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 6.31 AA ¹ AAA 18pt ⁴
Hex(E0A2BA)	Ratio: 1.53 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 9.66 Passed ⁶
Hex(AD8985)	Ratio: 1.02 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴
Hex(574E51)	Ratio: 2.51 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.56 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(96003B)	Ratio: 2.78 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(170009)	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 9.66 Passed ⁶	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 2.27 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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