

Converting Colors - WCAG Matrix

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

Hex(AD6068) Hex(E06975) Hex(AD7F60) Hex(574E4F) Hex(96000F) Hex(170002)

	Hex(AD6068)	Hex(E06975)	Hex(AD7F60)	Hex(574E4F)	Hex(96000F)	Hex(170002)
Hex(AD6068)		Ratio: 1.39 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(E06975)	Ratio: 1.39 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(AD7F60)	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(574E4F)	Ratio: 1.78 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(96000F)	Ratio: 2.02 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(170002)	Ratio: 4.48 AA 18pt ²	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 5.77 AA ¹ AAA 18pt ⁴	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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