

Converting Colors - WCAG Matrix

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

Hex(ABA17A) Hex(DECE92) Hex(9DAB7A) Hex(57554E) Hex(967800) Hex(171200)

	Hex(ABA17A)	Hex(DECE92)	Hex(9DAB7A)	Hex(57554E)	Hex(967800)	Hex(171200)
Hex(ABA17A)		Ratio: 1.65 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 7.22 Passed ⁶
Hex(DECE92)	Ratio: 1.65 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 11.89 Passed ⁶
Hex(9DAB7A)	Ratio: 1.05 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 7.60 Passed ⁶
Hex(57554E)	Ratio: 2.88 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.03 AA 18pt ²		Ratio: 1.77 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(967800)	Ratio: 1.63 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 4.44 AA 18pt ²
Hex(171200)	Ratio: 7.22 Passed ⁶	Ratio: 11.89 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 4.44 AA 18pt ²	

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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