

Converting Colors - WCAG Matrix

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

Hex(AF97A8) Hex(E3BFD8) Hex(AFAA97) Hex(574E54) Hex(96006B) Hex(170010)

	Hex(AF97A8)	Hex(E3BFD8)	Hex(AFAA97)	Hex(574E54)	Hex(96006B)	Hex(170010)
Hex(AF97A8)		Ratio: 1.63 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 7.49 Passed ⁶
Hex(E3BFD8)	Ratio: 1.63 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 12.17 Passed ⁶
Hex(AFAA97)	Ratio: 1.15 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 3.44 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 8.64 Passed ⁶
Hex(574E54)	Ratio: 2.98 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(96006B)	Ratio: 3.11 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 2.40 Failed ⁵
Hex(170010)	Ratio: 7.49 Passed ⁶	Ratio: 12.17 Passed ⁶	Ratio: 8.64 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.40 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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