

Converting Colors - WCAG Matrix

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

Hex(B57686) Hex(EB88A1) Hex(76B585) Hex(595053) Hex(990027) Hex(1A0006)

	Hex(B57686)	Hex(EB88A1)	Hex(76B585)	Hex(595053)	Hex(990027)	Hex(1A0006)
Hex(B57686)		Ratio: 1.45 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(EB88A1)	Ratio: 1.45 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 8.19 Passed ⁶
Hex(76B585)	Ratio: 1.48 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 8.33 Passed ⁶
Hex(595053)	Ratio: 2.19 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.23 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(990027)	Ratio: 2.48 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(1A0006)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 8.19 Passed ⁶	Ratio: 8.33 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.28 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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