

Converting Colors - WCAG Matrix

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

Hex(B4A6AB) Hex(EBD5DD) Hex(B4A8A6) Hex(595053) Hex(990036) Hex(190009)

	Hex(B4A6AB)	Hex(EBD5DD)	Hex(B4A8A6)	Hex(595053)	Hex(990036)	Hex(190009)
Hex(B4A6AB)		Ratio: 1.68 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 8.59 Passed ⁶
Hex(EBD5DD)	Ratio: 1.68 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 14.44 Passed ⁶
Hex(B4A8A6)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 8.70 Passed ⁶
Hex(595053)	Ratio: 3.33 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(990036)	Ratio: 3.73 AA 18pt ²	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(190009)	Ratio: 8.59 Passed ⁶	Ratio: 14.44 Passed ⁶	Ratio: 8.70 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.30 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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