

Converting Colors - WCAG Matrix

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

Hex(BDA199) Hex(F5CBBF) Hex(BDB399) Hex(5E5755) Hex(9E2200) Hex(1F0700)

	Hex(BDA199)	Hex(F5CBBF)	Hex(BDB399)	Hex(5E5755)	Hex(9E2200)	Hex(1F0700)
Hex(BDA199)		Ratio: 1.63 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 8.01 Passed ⁶
Hex(F5CBBF)	Ratio: 1.63 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 13.02 Passed ⁶
Hex(BDB399)	Ratio: 1.15 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 9.25 Passed ⁶
Hex(5E5755)	Ratio: 2.94 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(9E2200)	Ratio: 3.25 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(1F0700)	Ratio: 8.01 Passed ⁶	Ratio: 13.02 Passed ⁶	Ratio: 9.25 Passed ⁶	Ratio: 2.73 Failed ⁵	Ratio: 2.46 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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