

Converting Colors - WCAG Matrix

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

Hex(E39E96) Hex(FFA196) Hex(E3C396) Hex(736867) Hex(B31200) Hex(330500)

	Hex(E39E96)	Hex(FFA196)	Hex(E3C396)	Hex(736867)	Hex(B31200)	Hex(330500)
Hex(E39E96)		Ratio: 1.12 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 8.26 Passed ⁶
Hex(FFA196)	Ratio: 1.12 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 9.28 Passed ⁶
Hex(E3C396)	Ratio: 1.30 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 10.76 Passed ⁶
Hex(736867)	Ratio: 2.46 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.20 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(B31200)	Ratio: 3.20 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(330500)	Ratio: 8.26 Passed ⁶	Ratio: 9.28 Passed ⁶	Ratio: 10.76 Passed ⁶	Ratio: 3.36 AA 18pt ²	Ratio: 2.58 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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