

Converting Colors - WCAG Matrix

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

Hex(E89999) Hex(FF9696) Hex(E8BF99) Hex(736767) Hex(B20000) Hex(330000)

	Hex(E89999)	Hex(FF9696)	Hex(E8BF99)	Hex(736767)	Hex(B20000)	Hex(330000)
Hex(E89999)		Ratio: 1.06 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 8.28 Passed ⁶
Hex(FF9696)	Ratio: 1.06 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 8.81 Passed ⁶
Hex(E8BF99)	Ratio: 1.31 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 10.82 Passed ⁶
Hex(736767)	Ratio: 2.44 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.19 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(B20000)	Ratio: 3.27 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 1.34 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(330000)	Ratio: 8.28 Passed ⁶	Ratio: 8.81 Passed ⁶	Ratio: 10.82 Passed ⁶	Ratio: 3.39 AA 18pt ²	Ratio: 2.54 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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