

Converting Colors - WCAG Matrix

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

Hex(AF9393) Hex(E3B8B8) Hex(AFA193) Hex(574E4E) Hex(960000) Hex(170000)

	Hex(AF9393)	Hex(E3B8B8)	Hex(AFA193)	Hex(574E4E)	Hex(960000)	Hex(170000)
Hex(AF9393)		Ratio: 1.59 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 7.16 Passed ⁶
Hex(E3B8B8)	Ratio: 1.59 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 11.40 Passed ⁶
Hex(AFA193)	Ratio: 1.12 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 8.05 Passed ⁶
Hex(574E4E)	Ratio: 2.85 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960000)	Ratio: 3.23 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(170000)	Ratio: 7.16 Passed ⁶	Ratio: 11.40 Passed ⁶	Ratio: 8.05 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.22 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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