

Converting Colors - WCAG Matrix

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

Hex(85857A) Hex(FFFFFF) Hex(BABAAE) Hex(D6D6CA) Hex(F2F2E6)

	Hex(85857A)	Hex(FFFFFF)	Hex(BABAAE)	Hex(D6D6CA)	Hex(F2F2E6)
Hex(85857A)		Ratio: 3.73 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.73 AA 18pt ²		Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(BABAAE)	Ratio: 1.90 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(D6D6CA)	Ratio: 2.54 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(F2F2E6)	Ratio: 3.31 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 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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