

Converting Colors - WCAG Matrix

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

Hex(8D8787) Hex(FFFFFF) Hex(C3BCBC) Hex(DED8D8) Hex(FBF4F4)

Hex(8D8787)		Ratio: 3.53 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(FFFFFF)	Ratio: 3.53 AA 18pt ²		Ratio: 1.87 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(C3BCBC)	Ratio: 1.89 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(DED8D8)	Ratio: 2.51 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.33 Failed ⁵	
Hex(FBF4F4)	Ratio: 3.25 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.72 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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