

Converting Colors - WCAG Matrix

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

Hex(FFFFFF) Hex(F7FFE9) Hex(DBE2CD) Hex(BFC6B1) Hex(A4AB97) Hex(89917D) Hex(707764)

Hex(FFFFFF)		Ratio: 1.03 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(F7FFE9)	Ratio: 1.03 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(DBE2CD)	Ratio: 1.33 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(BFC6B1)	Ratio: 1.76 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(A4AB97)	Ratio: 2.37 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(89917D)	Ratio: 3.28 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.42 Failed ⁵
Hex(707764)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.42 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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