

Converting Colors - WCAG Matrix

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

Hex(657065) Hex(FFFFFF) Hex(98A498) Hex(B3BFB3) Hex(CEDBCE) Hex(EBF7EA)

	Hex(657065)	Hex(FFFFFF)	Hex(98A498)	Hex(B3BFB3)	Hex(CEDBCE)	Hex(EBF7EA)
Hex(657065)		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 2.59 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(98A498)	Ratio: 2.00 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(B3BFB3)	Ratio: 2.71 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(CEDBCE)	Ratio: 3.61 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(EBF7EA)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.73 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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