

Converting Colors - WCAG Matrix

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

	Hex(3C412C)	Hex(FFFFFF)	Hex(6C715A)	Hex(858A72)	Hex(9FA48C)	Hex(BAC0A6)	Hex(D6DBC1)	Hex(F2F8DD)	Hex(FFFFFFA)
Hex(3C412C)		Ratio: 10.58 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 7.44 Passed ⁶	Ratio: 9.70 Passed ⁶	Ratio: 10.55 Passed ⁶
Hex(FFFFFF)	Ratio: 10.58 Passed ⁶		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(6C715A)	Ratio: 2.09 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(858A72)	Ratio: 2.96 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.56 AA 18pt ²
Hex(9FA48C)	Ratio: 4.11 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(BAC0A6)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(D6DBC1)	Ratio: 7.44 Passed ⁶	Ratio: 1.42 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(F2F8DD)	Ratio: 9.70 Passed ⁶	Ratio: 1.09 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(FFFFFFA)	Ratio: 10.55 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 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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