

Converting Colors - WCAG Matrix

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

	Hex(3A3638)	Hex(FFFEFF)	Hex(696467)	Hex(827D80)	Hex(9C979A)	Hex(B7B2B4)	Hex(D2CDD0)	Hex(EFEAEC)
Hex(3A3638)		Ratio: 11.83 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 7.58 Passed ⁶	Ratio: 10.00 Passed ⁶
Hex(FFFEFF)	Ratio: 11.83 Passed ⁶		Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(696467)	Ratio: 2.05 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(827D80)	Ratio: 2.94 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(9C979A)	Ratio: 4.14 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(B7B2B4)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(D2CDD0)	Ratio: 7.58 Passed ⁶	Ratio: 1.56 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(EFEAEC)	Ratio: 10.00 Passed ⁶	Ratio: 1.18 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 3.40 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.32 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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