

Converting Colors - WCAG Matrix

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

	Hex(2E282C)	Hex(FFFFFF)	Hex(5C555A)	Hex(746E72)	Hex(8E878C)	Hex(A8A1A6)	Hex(C3BCC1)	Hex(DFD8DD)	Hex(FCF4FA)
Hex(2E282C)		Ratio: 14.42 Passed ⁶	Ratio: 1.99 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶	Ratio: 10.30 Passed ⁶	Ratio: 13.37 Passed ⁶
Hex(FFFFFF)	Ratio: 14.42 Passed ⁶		Ratio: 7.24 Passed ⁶	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(5C555A)	Ratio: 1.99 Failed ⁵	Ratio: 7.24 Passed ⁶		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(746E72)	Ratio: 2.90 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴
Hex(8E878C)	Ratio: 4.12 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(A8A1A6)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.53 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(C3BCC1)	Ratio: 7.75 Passed ⁶	Ratio: 1.86 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(DFD8DD)	Ratio: 10.30 Passed ⁶	Ratio: 1.40 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FCF4FA)	Ratio: 13.37 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 2.34 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

Failed 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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