

Converting Colors - WCAG Matrix

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

	Hex(140E14)	Hex(F4EEF4)	Hex(3E393E)	Hex(555055)	Hex(6E686E)	Hex(878187)	Hex(A19BA1)	Hex(BCB6BC)	Hex(D8D1D8)
Hex(140E14)		Ratio: 16.67 Passed ⁶	Ratio: 1.69 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 7.00 Passed ⁶	Ratio: 9.57 Passed ⁶	Ratio: 12.73 Passed ⁶
Hex(F4EEF4)	Ratio: 16.67 Passed ⁶		Ratio: 9.89 Passed ⁶	Ratio: 6.90 AA ¹ AAA 18pt ⁴	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(3E393E)	Ratio: 1.69 Failed ⁵	Ratio: 9.89 Passed ⁶		Ratio: 1.43 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.55 Passed ⁶
Hex(555055)	Ratio: 2.42 Failed ⁵	Ratio: 6.90 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(6E686E)	Ratio: 3.51 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(878187)	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(A19BA1)	Ratio: 7.00 Passed ⁶	Ratio: 2.38 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(BCB6BC)	Ratio: 9.57 Passed ⁶	Ratio: 1.74 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(D8D1D8)	Ratio: 12.73 Passed ⁶	Ratio: 1.31 Failed ⁵	Ratio: 7.55 Passed ⁶	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 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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