

Converting Colors - WCAG Matrix

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

	Hex(3E483F)	Hex(FFFFFF)	Hex(6E786F)	Hex(879288)	Hex(A1ADA2)	Hex(BCC8BD)	Hex(D8E4D9)	Hex(F4FFF6)
Hex(3E483F)		Ratio: 9.53 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 7.27 Passed ⁶	Ratio: 9.29 Passed ⁶
Hex(FFFFFF)	Ratio: 9.53 Passed ⁶		Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(6E786F)	Ratio: 2.08 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.47 AA 18pt ²
Hex(879288)	Ratio: 2.95 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(A1ADA2)	Ratio: 4.09 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(BCC8BD)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.73 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(D8E4D9)	Ratio: 7.27 Passed ⁶	Ratio: 1.31 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(F4FFF6)	Ratio: 9.29 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 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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