

Converting Colors - WCAG Matrix

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

	Hex(343A39)	Hex(F9FFFF)	Hex(636968)	Hex(7C8381)	Hex(969D9B)	Hex(B0B7B6)	Hex(CCD3D2)	Hex(E8EFEE)
Hex(343A39)		Ratio: 11.48 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 7.63 Passed ⁶	Ratio: 9.95 Passed ⁶
Hex(F9FFFF)	Ratio: 11.48 Passed ⁶		Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 3.83 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(636968)	Ratio: 2.07 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(7C8381)	Ratio: 2.99 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(969D9B)	Ratio: 4.19 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(B0B7B6)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(CCD3D2)	Ratio: 7.63 Passed ⁶	Ratio: 1.50 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(E8EFEE)	Ratio: 9.95 Passed ⁶	Ratio: 1.15 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.75 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

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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