

Converting Colors - WCAG Matrix

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

	Hex(9E2631)	Hex(FFFFFF)	Hex(DA5D5F)	Hex(F97878)	Hex(FF9392)	Hex(FFAFAC)	Hex(FFCC7)	Hex(FFE9E3)
Hex(9E2631)		Ratio: 7.57 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.57 Passed ⁶		Ratio: 3.68 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(DA5D5F)	Ratio: 2.06 Failed ⁵	Ratio: 3.68 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(F97878)	Ratio: 2.88 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(FF9392)	Ratio: 3.55 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(FFAFAC)	Ratio: 4.32 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFCC7)	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFE9E3)	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 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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