

Converting Colors - WCAG Matrix

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

	Hex(564C51)	Hex(FFFFFF)	Hex(887D82)	Hex(A2979C)	Hex(BDB1B7)	Hex(D9CDD3)	Hex(F5E9EF)
Hex(564C51)		Ratio: 8.24 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 8.24 Passed ⁶		Ratio: 3.96 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(887D82)	Ratio: 2.08 Failed ⁵	Ratio: 3.96 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(A2979C)	Ratio: 2.92 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(BDB1B7)	Ratio: 3.98 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(D9CDD3)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F5E9EF)	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 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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