

Converting Colors - WCAG Matrix

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

Hex(584E4C) Hex(FFFFFF) Hex(8A7F7D) Hex(A49997) Hex(BFB4B1) Hex(DBCFCD) Hex(F8EBE9)

	Hex(584E4C)	Hex(FFFFFF)	Hex(8A7F7D)	Hex(A49997)	Hex(BFB4B1)	Hex(DBCFCD)	Hex(F8EBE9)
Hex(584E4C)		Ratio: 8.05 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 6.92 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 8.05 Passed ⁶		Ratio: 3.88 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(8A7F7D)	Ratio: 2.07 Failed ⁵	Ratio: 3.88 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(A49997)	Ratio: 2.91 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(BFB4B1)	Ratio: 3.98 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(DBCFCD)	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F8EBE9)	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.74 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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