

Converting Colors - WCAG Matrix

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

Hex(586355) Hex(FFFFFF) Hex(899686) Hex(A4B1A0) Hex(BFCCBB) Hex(DBE9D7) Hex(F7FFF3)

	Hex(586355)	Hex(FFFFFF)	Hex(899686)	Hex(A4B1A0)	Hex(BFCCBB)	Hex(DBE9D7)	Hex(F7FFF3)
Hex(586355)		Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.30 AA ¹ AAA 18pt ⁴		Ratio: 3.10 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(899686)	Ratio: 2.03 Failed ⁵	Ratio: 3.10 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(A4B1A0)	Ratio: 2.81 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(BFCCBB)	Ratio: 3.77 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(DBE9D7)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(F7FFF3)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 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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