

Converting Colors - WCAG Matrix

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

Hex(5A4D54) Hex(FFFFFF) Hex(8C7E85) Hex(A798A0) Hex(C2B3BB) Hex(DECED6) Hex(FAEAF3)

	Hex(5A4D54)	Hex(FFFFFF)	Hex(8C7E85)	Hex(A798A0)	Hex(C2B3BB)	Hex(DECED6)	Hex(FAEAF3)
Hex(5A4D54)		Ratio: 8.00 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 6.91 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 8.00 Passed ⁶		Ratio: 3.86 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(8C7E85)	Ratio: 2.07 Failed ⁵	Ratio: 3.86 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(A798A0)	Ratio: 2.91 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(C2B3BB)	Ratio: 3.99 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(DECED6)	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.51 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FAEAF3)	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.73 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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