

Converting Colors - WCAG Matrix

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

	Hex(5A7365)	Hex(FFFFFF)	Hex(8CA798)	Hex(A7C2B3)	Hex(C2DECE)	Hex(DEFBEA)	Hex(FBFFFF)
Hex(5A7365)		Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.15 AA ¹ AAA 18pt ⁴		Ratio: 2.59 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8CA798)	Ratio: 1.99 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(A7C2B3)	Ratio: 2.70 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(C2DECE)	Ratio: 3.59 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(DEFBEA)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(FBFFFF)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 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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