

Converting Colors - WCAG Matrix

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

	Hex(436946)	Hex(FFFFFF)	Hex(759D77)	Hex(8FB890)	Hex(A9D3AB)	Hex(C5F0C6)	Hex(E1FFE2)	Hex(FEFFFF)
Hex(436946)		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 6.26 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 3.07 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(759D77)	Ratio: 2.04 Failed ⁵	Ratio: 3.07 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(8FB890)	Ratio: 2.82 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(A9D3AB)	Ratio: 3.76 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(C5F0C6)	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(E1FFE2)	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(FEFFFF)	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 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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