

Converting Colors - WCAG Matrix

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

	Hex(AF623B)	Hex(FFFFFF)	Hex(EA966C)	Hex(FFB185)	Hex(FFCCA0)	Hex(FFE9BB)	Hex(FFFFD7)	Hex(FFFFF3)
Hex(AF623B)		Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.53 AA ¹ AAA 18pt ⁴		Ratio: 2.31 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(EA966C)	Ratio: 1.96 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(FFB185)	Ratio: 2.56 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(FFCCA0)	Ratio: 3.11 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFE9BB)	Ratio: 3.80 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FFFFD7)	Ratio: 4.43 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF3)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 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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