

Converting Colors - WCAG Matrix

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

	Hex(AB5555)	Hex(FFFFFF)	Hex(E58987)	Hex(FFA4A1)	Hex(FFC0BC)	Hex(FFDCD8)	Hex(FFF9F4)
Hex(AB5555)		Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.05 AA ¹ AAA 18pt ⁴		Ratio: 2.54 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(E58987)	Ratio: 1.98 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(FFA4A1)	Ratio: 2.66 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FFC0BC)	Ratio: 3.25 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFDCD8)	Ratio: 3.96 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF9F4)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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