

Converting Colors - WCAG Matrix

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

	Hex(8C5759)	Hex(FFFFFF)	Hex(C28A8C)	Hex(E0A3A6)	Hex(FCBFC2)	Hex(FFDBDB)	Hex(FFF7FA)
Hex(8C5759)		Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.80 AA ¹ AAA 18pt ⁴		Ratio: 2.87 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(C28A8C)	Ratio: 2.02 Failed ⁵	Ratio: 2.87 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(E0A3A6)	Ratio: 2.75 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(FCBFC2)	Ratio: 3.69 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFDBDB)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF7FA)	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.00 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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