

Converting Colors - WCAG Matrix

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

Hex(8C4961) Hex(FFFFFF) Hex(C37B94) Hex(E096AE) Hex(FDB1C9) Hex(FFCDE6) Hex(FFE9FF)

	Hex(8C4961)	Hex(FFFFFF)	Hex(C37B94)	Hex(E096AE)	Hex(FDB1C9)	Hex(FFCDE6)	Hex(FFE9FF)
Hex(8C4961)		Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.48 AA ¹ AAA 18pt ⁴		Ratio: 3.19 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(C37B94)	Ratio: 2.03 Failed ⁵	Ratio: 3.19 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(E096AE)	Ratio: 2.82 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(FDB1C9)	Ratio: 3.80 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFCDE6)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFE9FF)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 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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