

Converting Colors - WCAG Matrix

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

Hex(965C6C) Hex(FFEDFE) Hex(CE8FA0) Hex(EAAABA) Hex(FFC6D6) Hex(FFE2F3)

Hex(965C6C)		Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.54 AA 18pt ² Ratio: 4.31 AA 18pt ²
Hex(FFEDFE)	Ratio: 4.65 AA ¹ AAA 18pt ⁴		Ratio: 2.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵ Ratio: 1.08 Failed ⁵
Hex(CE8FA0)	Ratio: 1.99 Failed ⁵	Ratio: 2.33 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.77 Failed ⁵ Ratio: 2.16 Failed ⁵
Hex(EAAABA)	Ratio: 2.71 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.31 Failed ⁵ Ratio: 1.59 Failed ⁵
Hex(FFC6D6)	Ratio: 3.54 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FFE2F3)	Ratio: 4.31 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.59 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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