

Converting Colors - WCAG Matrix

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

	Hex(E06E7D)	Hex(FF8A96)	Hex(FFA3B0)	Hex(FFBFCC)	Hex(FFDEE8)	Hex(FFFAFF)	Hex(FFFFFF)
Hex(E06E7D)		Ratio: 1.39 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.14 AA 18pt ²
Hex(FF8A96)	Ratio: 1.39 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(FFA3B0)	Ratio: 1.66 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(FFBFCC)	Ratio: 2.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(FFDEE8)	Ratio: 2.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(FFFAFF)	Ratio: 3.04 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFFFF)	Ratio: 3.14 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 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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