

Converting Colors - WCAG Matrix

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

Hex(A46777) Hex(C08191) Hex(DC9BAB) Hex(F9B6C6) Hex(FFD2E2) Hex(FFEEFF) Hex(FFFFFF)

	Hex(A46777)	Hex(C08191)	Hex(DC9BAB)	Hex(F9B6C6)	Hex(FFD2E2)	Hex(FFEEFF)	Hex(FFFFFF)
Hex(A46777)		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(C08191)	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(DC9BAB)	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(F9B6C6)	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(FFD2E2)	Ratio: 3.25 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(FFEEFF)	Ratio: 3.96 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFFF)	Ratio: 4.39 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 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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