

Converting Colors - WCAG Matrix

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

Hex(6E565A) Hex(FFFFFF) Hex(A2878C) Hex(BDA2A6) Hex(D9BDC1) Hex(F6D9DD) Hex(FFF5F9)

	Hex(6E565A)	Hex(FFFFFF)	Hex(A2878C)	Hex(BDA2A6)	Hex(D9BDC1)	Hex(F6D9DD)	Hex(FFF5F9)
Hex(6E565A)		Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 6.26 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.68 AA ¹ AAA 18pt ⁴		Ratio: 3.29 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(A2878C)	Ratio: 2.03 Failed ⁵	Ratio: 3.29 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(BDA2A6)	Ratio: 2.83 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(D9BDC1)	Ratio: 3.82 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(F6D9DD)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(FFF5F9)	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 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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