

Converting Colors - WCAG Matrix

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

Hex(E4E2E6) Hex(FDFAFF) Hex(E6E2E6) Hex(727073) Hex(7100B3) Hex(200033)

	Hex(E4E2E6)	Hex(FDFAFF)	Hex(E6E2E6)	Hex(727073)	Hex(7100B3)	Hex(200033)
Hex(E4E2E6)		Ratio: 1.24 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 14.71 Passed ⁶
Hex(FDFAFF)	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 8.63 Passed ⁶	Ratio: 18.30 Passed ⁶
Hex(E6E2E6)	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.83 AA 18pt ²	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 14.77 Passed ⁶
Hex(727073)	Ratio: 3.81 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.83 AA 18pt ²		Ratio: 1.82 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(7100B3)	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 8.63 Passed ⁶	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.82 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(200033)	Ratio: 14.71 Passed ⁶	Ratio: 18.30 Passed ⁶	Ratio: 14.77 Passed ⁶	Ratio: 3.86 AA 18pt ²	Ratio: 2.12 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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