

Converting Colors - WCAG Matrix

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

Hex(A26AA8) Hex(D17BDB) Hex(A86A90) Hex(534C54) Hex(840094) Hex(120014)

	Hex(A26AA8)	Hex(D17BDB)	Hex(A86A90)	Hex(534C54)	Hex(840094)	Hex(120014)
Hex(A26AA8)		Ratio: 1.47 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(D17BDB)	Ratio: 1.47 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 7.31 Passed ⁶
Hex(A86A90)	Ratio: 1.01 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(534C54)	Ratio: 2.04 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(840094)	Ratio: 2.14 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.33 Failed ⁵
Hex(120014)	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 7.31 Passed ⁶	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.33 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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