

Converting Colors - WCAG Matrix

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

Hex(AB7489) Hex(DE87A8) Hex(AB7A74) Hex(574E51) Hex(960039) Hex(170009)

	Hex(AB7489)	Hex(DE87A8)	Hex(AB7A74)	Hex(574E51)	Hex(960039)	Hex(170009)
Hex(AB7489)		Ratio: 1.46 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(DE87A8)	Ratio: 1.46 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 7.82 Passed ⁶
Hex(AB7A74)	Ratio: 1.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(574E51)	Ratio: 2.14 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960039)	Ratio: 2.37 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.26 Failed ⁵
Hex(170009)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 7.82 Passed ⁶	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 2.26 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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