

Converting Colors - WCAG Matrix

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

Hex(88879C) Hex(ADABCC) Hex(92879C) Hex(48474F) Hex(07008F) Hex(01000F)

	Hex(88879C)	Hex(ADABCC)	Hex(92879C)	Hex(48474F)	Hex(07008F)	Hex(01000F)
Hex(88879C)		Ratio: 1.58 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(ADABCC)	Ratio: 1.58 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 9.40 Passed ⁶
Hex(92879C)	Ratio: 1.03 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(48474F)	Ratio: 2.62 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 2.69 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(07008F)	Ratio: 4.26 AA 18pt ²	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 1.39 Failed ⁵
Hex(01000F)	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 9.40 Passed ⁶	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 2.27 Failed ⁵	Ratio: 1.39 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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