

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9D7699) Hex(CC8FC6) Hex(869D76) Hex(4F474E) Hex(8F0081) Hex(0F000E)

	Hex(9D7699)	Hex(CC8FC6)	Hex(869D76)	Hex(4F474E)	Hex(8F0081)	Hex(0F000E)
Hex(9D7699)		Ratio: 1.52 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(CC8FC6)	Ratio: 1.52 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 8.10 Passed ⁶
Hex(869D76)	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴
Hex(4F474E)	Ratio: 2.34 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 3.03 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0081)	Ratio: 2.21 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(0F000E)	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 8.10 Passed ⁶	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.42 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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