

Converting Colors - WCAG Matrix

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

Hex(F000C6) Hex(FF00D2) Hex(00F0A0) Hex(786C76) Hex(B80097) Hex(38002E)

	Hex(F000C6)	Hex(FF00D2)	Hex(00F0A0)	Hex(786C76)	Hex(B80097)	Hex(38002E)
Hex(F000C6)		Ratio: 1.12 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(FF00D2)	Ratio: 1.12 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(00F0A0)	Ratio: 2.53 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 11.57 Passed ⁶
Hex(786C76)	Ratio: 1.31 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.32 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(B80097)	Ratio: 1.58 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(38002E)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 11.57 Passed ⁶	Ratio: 3.48 AA 18pt ²	Ratio: 2.89 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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