

Converting Colors - WCAG Matrix

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

Hex(F30066) Hex(FF006B) Hex(F31000) Hex(7A6E73) Hex(BA004E) Hex(3B0019)

	Hex(F30066)	Hex(FF006B)	Hex(F31000)	Hex(7A6E73)	Hex(BA004E)	Hex(3B0019)
Hex(F30066)		Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 4.17 AA 18pt ²
Hex(FF006B)	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(F31000)	Ratio: 1.02 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 4.07 AA 18pt ²
Hex(7A6E73)	Ratio: 1.16 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(BA004E)	Ratio: 1.56 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(3B0019)	Ratio: 4.17 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 2.66 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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