

Converting Colors - WCAG Matrix

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

Hex(F40038) Hex(FF003B) Hex(00B3F4) Hex(7A6E71) Hex(BA002B) Hex(3B000D)

	Hex(F40038)	Hex(FF003B)	Hex(00B3F4)	Hex(7A6E71)	Hex(BA002B)	Hex(3B000D)
Hex(F40038)		Ratio: 1.08 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(FF003B)	Ratio: 1.08 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 4.46 AA 18pt ²
Hex(00B3F4)	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 7.35 Passed ⁶
Hex(7A6E71)	Ratio: 1.14 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA002B)	Ratio: 1.57 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(3B000D)	Ratio: 4.11 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 7.35 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.62 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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