

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FF2ABC) Hex(FF00AF) Hex(55FF2A) Hex(80737B) Hex(BF0083) Hex(40002C)

Hex(FF2ABC)		Ratio: 1.07 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(FF00AF)	Ratio: 1.07 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(55FF2A)	Ratio: 2.49 Failed ⁵	Ratio: 2.68 Failed ⁵		Ratio: 3.38 AA 18pt ²	Ratio: 4.44 AA 18pt ²
Hex(80737B)	Ratio: 1.36 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.38 AA 18pt ²		Ratio: 1.31 Failed ⁵
Hex(BF0083)	Ratio: 1.78 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 1.31 Failed ⁵	
Hex(40002C)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 12.53 Passed ⁶	Ratio: 3.71 AA 18pt ²	Ratio: 2.82 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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