

Converting Colors - WCAG Matrix

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

Hex(FB20F1) Hex(FF00F3) Hex(20FB95) Hex(7D707C) Hex(BD00B4) Hex(3D003A)

	Hex(FB20F1)	Hex(FF00F3)	Hex(20FB95)	Hex(7D707C)	Hex(BD00B4)	Hex(3D003A)
Hex(FB20F1)		Ratio: 1.00 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(FF00F3)	Ratio: 1.00 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(20FB95)	Ratio: 2.32 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 3.41 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 12.14 Passed ⁶
Hex(7D707C)	Ratio: 1.47 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.41 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(BD00B4)	Ratio: 1.72 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 3.03 AA 18pt ²
Hex(3D003A)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 12.14 Passed ⁶	Ratio: 3.56 AA 18pt ²	Ratio: 3.03 AA 18pt ²	

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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