

Converting Colors - WCAG Matrix

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

Hex(8001FF) Hex(7F00FF) Hex(FB01FF) Hex(797380) Hex(6000BF) Hex(200040)

	Hex(8001FF)	Hex(7F00FF)	Hex(FB01FF)	Hex(797380)	Hex(6000BF)	Hex(200040)
Hex(8001FF)		Ratio: 1.01 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(7F00FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(FB01FF)	Ratio: 1.95 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(797380)	Ratio: 1.36 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 4.03 AA 18pt ²
Hex(6000BF)	Ratio: 1.50 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(200040)	Ratio: 2.96 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 1.98 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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