

Converting Colors - WCAG Matrix

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

Hex(FB3C66) Hex(FF174A) Hex(3CC8FB) Hex(7D7073) Hex(BD0029) Hex(3D000D)

	Hex(FB3C66)	Hex(FF174A)	Hex(3CC8FB)	Hex(7D7073)	Hex(BD0029)	Hex(3D000D)
Hex(FB3C66)		Ratio: 1.09 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(FF174A)	Ratio: 1.09 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(3CC8FB)	Ratio: 1.83 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 9.01 Passed ⁶
Hex(7D7073)	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(BD0029)	Ratio: 1.86 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3D000D)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 9.01 Passed ⁶	Ratio: 3.68 AA 18pt ²	Ratio: 2.65 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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