

Converting Colors - WCAG Matrix

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

Hex(FF3379) Hex(FF0A5E) Hex(FF5233) Hex(807377) Hex(BF0042) Hex(400016)

	Hex(FF3379)	Hex(FF0A5E)	Hex(FF5233)	Hex(807377)	Hex(BF0042)	Hex(400016)
Hex(FF3379)		Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(FF0A5E)	Ratio: 1.10 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.44 AA 18pt ²
Hex(FF5233)	Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴
Hex(807377)	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF0042)	Ratio: 1.82 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(400016)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 4.44 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²	Ratio: 2.68 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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