

Converting Colors - WCAG Matrix

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

Hex(F5386E) Hex(FF1457) Hex(F56138) Hex(7A6E72) Hex(BA0035) Hex(3B0011)

	Hex(F5386E)	Hex(FF1457)	Hex(F56138)	Hex(7A6E72)	Hex(BA0035)	Hex(3B0011)
Hex(F5386E)		Ratio: 1.03 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴
Hex(FF1457)	Ratio: 1.03 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(F56138)	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(7A6E72)	Ratio: 1.32 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA0035)	Ratio: 1.81 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(3B0011)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.63 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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