

Converting Colors - WCAG Matrix

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

Hex(BA4459) Hex(F23A5B) Hex(4495BA) Hex(5C5354) Hex(9C001C) Hex(1C0005)

	Hex(BA4459)	Hex(F23A5B)	Hex(4495BA)	Hex(5C5354)	Hex(9C001C)	Hex(1C0005)
Hex(BA4459)		Ratio: 1.36 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(F23A5B)	Ratio: 1.36 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4495BA)	Ratio: 1.54 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴
Hex(5C5354)	Ratio: 1.44 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C001C)	Ratio: 1.67 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.31 Failed ⁵
Hex(1C0005)	Ratio: 3.86 AA 18pt ²	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 2.31 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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