

Converting Colors - WCAG Matrix

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

Hex(B6464F) Hex(ED3E4C) Hex(B67546) Hex(5C5353) Hex(9C000C) Hex(1C0002)

	Hex(B6464F)	Hex(ED3E4C)	Hex(B67546)	Hex(5C5353)	Hex(9C000C)	Hex(1C0002)
Hex(B6464F)		Ratio: 1.36 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(ED3E4C)	Ratio: 1.36 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴
Hex(B67546)	Ratio: 1.41 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(5C5353)	Ratio: 1.41 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C000C)	Ratio: 1.64 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(1C0002)	Ratio: 3.79 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 2.30 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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