

Converting Colors - WCAG Matrix

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

Hex(B66261) Hex(ED6A68) Hex(B68B61) Hex(5C5353) Hex(9C0200) Hex(1C0000)

	Hex(B66261)	Hex(ED6A68)	Hex(B68B61)	Hex(5C5353)	Hex(9C0200)	Hex(1C0000)
Hex(B66261)		Ratio: 1.40 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(ED6A68)	Ratio: 1.40 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴
Hex(B68B61)	Ratio: 1.40 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(5C5353)	Ratio: 1.74 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C0200)	Ratio: 2.03 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.31 Failed ⁵
Hex(1C0000)	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 6.53 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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