

Converting Colors - WCAG Matrix

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

Hex(BA1642) Hex(F20041) Hex(BA3A16) Hex(5C5355) Hex(9C002A) Hex(1C0008)

	Hex(BA1642)	Hex(F20041)	Hex(BA3A16)	Hex(5C5355)	Hex(9C002A)	Hex(1C0008)
Hex(BA1642)		Ratio: 1.48 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(F20041)	Ratio: 1.48 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(BA3A16)	Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(5C5355)	Ratio: 1.16 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C002A)	Ratio: 1.34 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(1C0008)	Ratio: 3.12 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.52 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.32 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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