

Converting Colors - WCAG Matrix

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

Hex(BE1B00) Hex(F72300) Hex(BE7800) Hex(5E5655) Hex(9E1600) Hex(1F0400)

	Hex(BE1B00)	Hex(F72300)	Hex(BE7800)	Hex(5E5655)	Hex(9E1600)	Hex(1F0400)
Hex(BE1B00)		Ratio: 1.55 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(F72300)	Ratio: 1.55 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(BE7800)	Ratio: 1.76 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(5E5655)	Ratio: 1.14 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(9E1600)	Ratio: 1.30 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.39 Failed ⁵
Hex(1F0400)	Ratio: 3.11 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 2.73 Failed ⁵	Ratio: 2.39 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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