

Converting Colors - WCAG Matrix

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

Hex(BE2983) Hex(F70F9B) Hex(BEAD29) Hex(5E555B) Hex(9E005F) Hex(1F0012)

	Hex(BE2983)	Hex(F70F9B)	Hex(BEAD29)	Hex(5E555B)	Hex(9E005F)	Hex(1F0012)
Hex(BE2983)		Ratio: 1.43 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(F70F9B)	Ratio: 1.43 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(BEAD29)	Ratio: 2.40 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.14 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 8.62 Passed ⁶
Hex(5E555B)	Ratio: 1.31 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 3.14 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E005F)	Ratio: 1.46 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.45 Failed ⁵
Hex(1F0012)	Ratio: 3.59 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 8.62 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.45 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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