

Converting Colors - WCAG Matrix

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

Hex(BF004C) Hex(F70062) Hex(ACBF00) Hex(5E5559) Hex(9E003F) Hex(1F000C)

	Hex(BF004C)	Hex(F70062)	Hex(ACBF00)	Hex(5E5559)	Hex(9E003F)	Hex(1F000C)
Hex(BF004C)		Ratio: 1.55 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(F70062)	Ratio: 1.55 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(ACBF00)	Ratio: 3.07 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 3.50 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 9.60 Passed ⁶
Hex(5E5559)	Ratio: 1.14 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.50 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(9E003F)	Ratio: 1.31 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 2.37 Failed ⁵
Hex(1F000C)	Ratio: 3.12 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 9.60 Passed ⁶	Ratio: 2.75 Failed ⁵	Ratio: 2.37 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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