

Converting Colors - WCAG Matrix

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

Hex(BC06A5) Hex(F500D6) Hex(BC064C) Hex(5E555D) Hex(9E008A) Hex(1F001B)

	Hex(BC06A5)	Hex(F500D6)	Hex(BC064C)	Hex(5E555D)	Hex(9E008A)	Hex(1F001B)
Hex(BC06A5)		Ratio: 1.58 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(F500D6)	Ratio: 1.58 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴
Hex(BC064C)	Ratio: 1.13 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(5E555D)	Ratio: 1.26 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(9E008A)	Ratio: 1.31 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(1F001B)	Ratio: 3.45 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 3.04 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.63 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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