

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(BE41B6) Hex(F734EB) Hex(BE4179) Hex(5E555E) Hex(9E0094) Hex(1F001D)

Hex(BE41B6)		Ratio: 1.44 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 4.29 AA 18pt ²
Hex(F734EB)	Ratio: 1.44 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 6.18 AA ¹ AAA 18pt ⁴
Hex(BE4179)	Ratio: 1.09 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(5E555E)	Ratio: 1.57 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(9E0094)	Ratio: 1.60 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(1F001D)	Ratio: 4.29 AA 18pt ²	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.68 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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