

Converting Colors - WCAG Matrix

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

Hex(B65BC4) Hex(E95CFF) Hex(C45B9E) Hex(605761) Hex(8B00A1) Hex(1D0021)

	Hex(B65BC4)	Hex(E95CFF)	Hex(C45B9E)	Hex(605761)	Hex(8B00A1)	Hex(1D0021)
Hex(B65BC4)		Ratio: 1.41 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(E95CFF)	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 6.93 AA ¹ AAA 18pt ⁴
Hex(C45B9E)	Ratio: 1.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(605761)	Ratio: 1.74 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(8B00A1)	Ratio: 2.02 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(1D0021)	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 2.43 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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