

Converting Colors - WCAG Matrix

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

Hex(EC13E7) Hex(FF00F9) Hex(EC137C) Hex(756A75) Hex(B500B1) Hex(360034)

	Hex(EC13E7)	Hex(FF00F9)	Hex(EC137C)	Hex(756A75)	Hex(B500B1)	Hex(360034)
Hex(EC13E7)		Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(FF00F9)	Ratio: 1.14 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(EC137C)	Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.10 AA 18pt ²
Hex(756A75)	Ratio: 1.43 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B500B1)	Ratio: 1.62 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.98 Failed ⁵
Hex(360034)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.98 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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