

Converting Colors - WCAG Matrix

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

Hex(FF0ECE) Hex(FF00CB) Hex(0EFFB7) Hex(80737D) Hex(BF0098) Hex(400033)

	Hex(FF0ECE)	Hex(FF00CB)	Hex(0EFFB7)	Hex(80737D)	Hex(BF0098)	Hex(400033)
Hex(FF0ECE)		Ratio: 1.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(FF00CB)	Ratio: 1.01 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(0EFFB7)	Ratio: 2.58 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 3.43 AA 18pt ²	Ratio: 4.36 AA 18pt ²	Ratio: 12.65 Passed ⁶
Hex(80737D)	Ratio: 1.33 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.43 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BF0098)	Ratio: 1.69 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(400033)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 12.65 Passed ⁶	Ratio: 3.69 AA 18pt ²	Ratio: 2.90 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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