

Converting Colors - WCAG Matrix

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

Hex(E388D3) Hex(FF85E9) Hex(E388A6) Hex(736771) Hex(B30093) Hex(33002A)

	Hex(E388D3)	Hex(FF85E9)	Hex(E388A6)	Hex(736771)	Hex(B30093)	Hex(33002A)
Hex(E388D3)		Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 7.43 Passed ⁶
Hex(FF85E9)	Ratio: 1.12 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 8.33 Passed ⁶
Hex(E388A6)	Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 7.10 Passed ⁶
Hex(736771)	Ratio: 2.23 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(B30093)	Ratio: 2.61 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(33002A)	Ratio: 7.43 Passed ⁶	Ratio: 8.33 Passed ⁶	Ratio: 7.10 Passed ⁶	Ratio: 3.33 AA 18pt ²	Ratio: 2.84 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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