

Converting Colors - WCAG Matrix

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

Hex(E478DB) Hex(FF6EF3) Hex(78E4B7) Hex(736772) Hex(B300A4) Hex(33002F)

	Hex(E478DB)	Hex(FF6EF3)	Hex(78E4B7)	Hex(736772)	Hex(B300A4)	Hex(33002F)
Hex(E478DB)		Ratio: 1.10 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴
Hex(FF6EF3)	Ratio: 1.10 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 7.43 Passed ⁶
Hex(78E4B7)	Ratio: 1.70 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 11.49 Passed ⁶
Hex(736772)	Ratio: 2.05 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 3.47 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(B300A4)	Ratio: 2.32 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(33002F)	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 7.43 Passed ⁶	Ratio: 11.49 Passed ⁶	Ratio: 3.31 AA 18pt ²	Ratio: 2.92 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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