

Converting Colors - WCAG Matrix

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

Hex(E4D9E4) Hex(FFF0FF) Hex(E4DFD9) Hex(736B73) Hex(B300B3) Hex(330033)

	Hex(E4D9E4)	Hex(FFF0FF)	Hex(E4DFD9)	Hex(736B73)	Hex(B300B3)	Hex(330033)
Hex(E4D9E4)		Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 4.30 AA 18pt ²	Ratio: 12.91 Passed ⁶
Hex(FFF0FF)	Ratio: 1.25 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 16.12 Passed ⁶
Hex(E4DFD9)	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 4.44 AA 18pt ²	Ratio: 13.34 Passed ⁶
Hex(736B73)	Ratio: 3.76 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(B300B3)	Ratio: 4.30 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 4.44 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(330033)	Ratio: 12.91 Passed ⁶	Ratio: 16.12 Passed ⁶	Ratio: 13.34 Passed ⁶	Ratio: 3.43 AA 18pt ²	Ratio: 3.00 AA 18pt ²	

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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