

Converting Colors - WCAG Matrix

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

Hex(F0E1EE) Hex(FFEBFC) Hex(E6F0E1) Hex(786C76) Hex(B8009F) Hex(380031)

	Hex(F0E1EE)	Hex(FFEBFC)	Hex(E6F0E1)	Hex(786C76)	Hex(B8009F)	Hex(380031)
Hex(F0E1EE)		Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 13.78 Passed ⁶
Hex(FFEBFC)	Ratio: 1.11 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 15.29 Passed ⁶
Hex(E6F0E1)	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 4.26 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 14.77 Passed ⁶
Hex(786C76)	Ratio: 3.97 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 4.26 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(B8009F)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(380031)	Ratio: 13.78 Passed ⁶	Ratio: 15.29 Passed ⁶	Ratio: 14.77 Passed ⁶	Ratio: 3.47 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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