

Converting Colors - WCAG Matrix

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

Hex(FFE4EF) Hex(FFDEEB) Hex(E4FDFF) Hex(807378) Hex(BF004E) Hex(40001A)

	Hex(FFE4EF)	Hex(FFDEEB)	Hex(E4FDFF)	Hex(807378)	Hex(BF004E)	Hex(40001A)
Hex(FFE4EF)		Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 14.27 Passed ⁶
Hex(FFDEEB)	Ratio: 1.04 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 13.71 Passed ⁶
Hex(E4FDFF)	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 4.26 AA 18pt ²	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 16.05 Passed ⁶
Hex(807378)	Ratio: 3.79 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 4.26 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF004E)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(40001A)	Ratio: 14.27 Passed ⁶	Ratio: 13.71 Passed ⁶	Ratio: 16.05 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.70 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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