

Converting Colors - WCAG Matrix

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

Hex(F7E1F0) Hex(FFE3F6) Hex(F7E1E5) Hex(7D7079) Hex(BD007E) Hex(3D0029)

	Hex(F7E1F0)	Hex(FFE3F6)	Hex(F7E1E5)	Hex(7D7079)	Hex(BD007E)	Hex(3D0029)
Hex(F7E1F0)		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 13.80 Passed ⁶
Hex(FFE3F6)	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 14.28 Passed ⁶
Hex(F7E1E5)	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.77 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 13.70 Passed ⁶
Hex(7D7079)	Ratio: 3.80 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.77 AA 18pt ²		Ratio: 1.29 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(BD007E)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(3D0029)	Ratio: 13.80 Passed ⁶	Ratio: 14.28 Passed ⁶	Ratio: 13.70 Passed ⁶	Ratio: 3.63 AA 18pt ²	Ratio: 2.82 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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