

Converting Colors - WCAG Matrix

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

Hex(F9E2F4) Hex(FFE3F9) Hex(E9F9E2) Hex(7D707A) Hex(BD0094) Hex(3D0030)

	Hex(F9E2F4)	Hex(FFE3F9)	Hex(E9F9E2)	Hex(7D707A)	Hex(BD0094)	Hex(3D0030)
Hex(F9E2F4)		Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 13.87 Passed ⁶
Hex(FFE3F9)	Ratio: 1.02 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 14.19 Passed ⁶
Hex(E9F9E2)	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 15.40 Passed ⁶
Hex(7D707A)	Ratio: 3.85 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 4.28 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BD0094)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(3D0030)	Ratio: 13.87 Passed ⁶	Ratio: 14.19 Passed ⁶	Ratio: 15.40 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.89 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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