

Converting Colors - WCAG Matrix

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

Hex(F8A0D7) Hex(FF91D6) Hex(F8ECA0) Hex(7D7078) Hex(BD0076) Hex(3D0026)

	Hex(F8A0D7)	Hex(FF91D6)	Hex(F8ECA0)	Hex(7D7078)	Hex(BD0076)	Hex(3D0026)
Hex(F8A0D7)		Ratio: 1.07 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 8.97 Passed ⁶
Hex(FF91D6)	Ratio: 1.07 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 8.38 Passed ⁶
Hex(F8ECA0)	Ratio: 1.59 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 3.92 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 14.27 Passed ⁶
Hex(7D7078)	Ratio: 2.47 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 3.92 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(BD0076)	Ratio: 3.21 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(3D0026)	Ratio: 8.97 Passed ⁶	Ratio: 8.38 Passed ⁶	Ratio: 14.27 Passed ⁶	Ratio: 3.64 AA 18pt ²	Ratio: 2.79 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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