

Converting Colors - WCAG Matrix

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

Hex(B86EA9) Hex(F07DD9) Hex(B8A26E) Hex(5C535A) Hex(9C007C) Hex(1C0016)

	Hex(B86EA9)	Hex(F07DD9)	Hex(B8A26E)	Hex(5C535A)	Hex(9C007C)	Hex(1C0016)
Hex(B86EA9)		Ratio: 1.48 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴
Hex(F07DD9)	Ratio: 1.48 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 8.14 Passed ⁶
Hex(B8A26E)	Ratio: 1.44 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 7.95 Passed ⁶
Hex(5C535A)	Ratio: 2.06 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.97 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C007C)	Ratio: 2.16 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(1C0016)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 8.14 Passed ⁶	Ratio: 7.95 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 2.55 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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