

Converting Colors - WCAG Matrix

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

Hex(BD92AA) Hex(F5B3D8) Hex(BD9295) Hex(5E555A) Hex(9E0058) Hex(1F0011)

	Hex(BD92AA)	Hex(F5B3D8)	Hex(BD9295)	Hex(5E555A)	Hex(9E0058)	Hex(1F0011)
Hex(BD92AA)		Ratio: 1.57 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 7.37 Passed ⁶
Hex(F5B3D8)	Ratio: 1.57 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 11.55 Passed ⁶
Hex(BD9295)	Ratio: 1.02 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 7.23 Passed ⁶
Hex(5E555A)	Ratio: 2.69 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.64 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E0058)	Ratio: 3.03 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 2.97 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(1F0011)	Ratio: 7.37 Passed ⁶	Ratio: 11.55 Passed ⁶	Ratio: 7.23 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.43 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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