

Converting Colors - WCAG Matrix

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

Hex(929092) Hex(BFBBBE) Hex(929290) Hex(4A4849) Hex(8A005C) Hex(0A0007)

	Hex(929092)	Hex(BFBBBE)	Hex(929290)	Hex(4A4849)	Hex(8A005C)	Hex(0A0007)
Hex(929092)		Ratio: 1.67 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 6.52 AA ¹ AAA 18pt ⁴
Hex(BFBBBE)	Ratio: 1.67 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 10.89 Passed ⁶
Hex(929290)	Ratio: 1.02 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.91 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(4A4849)	Ratio: 2.86 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 2.91 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8A005C)	Ratio: 2.96 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.01 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 2.20 Failed ⁵
Hex(0A0007)	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 10.89 Passed ⁶	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.20 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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