

Converting Colors - WCAG Matrix

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

Hex(8F7890) Hex(B895BA) Hex(907886) Hex(474047) Hex(800087) Hex(070008)

	Hex(8F7890)	Hex(B895BA)	Hex(907886)	Hex(474047)	Hex(800087)	Hex(070008)
Hex(8F7890)		Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(B895BA)	Ratio: 1.53 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 7.95 Passed ⁶
Hex(907886)	Ratio: 1.01 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(474047)	Ratio: 2.51 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.49 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(800087)	Ratio: 2.32 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(070008)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 7.95 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 2.24 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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