

Converting Colors - WCAG Matrix

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

Hex(8F7085) Hex(BA8AAB) Hex(8F7076) Hex(474045) Hex(87005C) Hex(080005)

	Hex(8F7085)	Hex(BA8AAB)	Hex(8F7076)	Hex(474045)	Hex(87005C)	Hex(080005)
Hex(8F7085)		Ratio: 1.52 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(BA8AAB)	Ratio: 1.52 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 7.22 Passed ⁶
Hex(8F7076)	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(474045)	Ratio: 2.31 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(87005C)	Ratio: 2.21 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(080005)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 7.22 Passed ⁶	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.16 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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