

Converting Colors - WCAG Matrix

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

Hex(807A7C) Hex(A69DA0) Hex(807B7A) Hex(403C3D) Hex(7F0025) Hex(000000)

	Hex(807A7C)	Hex(A69DA0)	Hex(807B7A)	Hex(403C3D)	Hex(7F0025)	Hex(000000)
Hex(807A7C)		Ratio: 1.59 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(A69DA0)	Ratio: 1.59 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 4.12 AA 18pt ²	Ratio: 7.95 Passed ⁶
Hex(807B7A)	Ratio: 1.01 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(403C3D)	Ratio: 2.58 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 2.60 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(7F0025)	Ratio: 2.59 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(000000)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 7.95 Passed ⁶	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.93 Failed ⁵	Ratio: 1.93 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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