

Converting Colors - WCAG Matrix

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

Hex(7D6280) Hex(A277A6) Hex(806274) Hex(3F3940) Hex(740080) Hex(000000)

	Hex(7D6280)	Hex(A277A6)	Hex(806274)	Hex(3F3940)	Hex(740080)	Hex(000000)
Hex(7D6280)		Ratio: 1.46 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.93 AA 18pt ²
Hex(A277A6)	Ratio: 1.46 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴
Hex(806274)	Ratio: 1.00 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(3F3940)	Ratio: 2.10 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(740080)	Ratio: 1.91 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.05 Failed ⁵
Hex(000000)	Ratio: 3.93 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.05 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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