

Converting Colors - WCAG Matrix

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

Hex(7A6478) Hex(9E7B9A) Hex(7A7264) Hex(3D373D) Hex(7D006F) Hex(FC00E0)

	Hex(7A6478)	Hex(9E7B9A)	Hex(7A7264)	Hex(3D373D)	Hex(7D006F)	Hex(FC00E0)
Hex(7A6478)		Ratio: 1.47 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(9E7B9A)	Ratio: 1.47 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(7A7264)	Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(3D373D)	Ratio: 2.16 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(7D006F)	Ratio: 1.87 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(FC00E0)	Ratio: 1.58 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.96 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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