

Converting Colors - WCAG Matrix

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

	Hex(7B6E78)	Hex(A18D9C)	Hex(6E7B78)	Hex(3D373C)	Hex(7D005D)	Hex(FC00BC)
Hex(7B6E78)		Ratio: 1.57 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(A18D9C)	Ratio: 1.57 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 1.16 Failed ⁵
Hex(6E7B78)	Ratio: 1.10 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(3D373C)	Ratio: 2.40 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.63 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(7D005D)	Ratio: 2.14 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(FC00BC)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.89 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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