

Converting Colors - WCAG Matrix

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

Hex(7B586B) Hex(A16A88) Hex(7B585A) Hex(3D373A) Hex(7D0044) Hex(FC0089)

	Hex(7B586B)	Hex(A16A88)	Hex(7B585A)	Hex(3D373A)	Hex(7D0044)	Hex(FC0089)
Hex(7B586B)		Ratio: 1.43 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(A16A88)	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(7B585A)	Ratio: 1.02 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(3D373A)	Ratio: 1.91 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(7D0044)	Ratio: 1.76 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(FC0089)	Ratio: 1.59 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.81 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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