

Converting Colors - WCAG Matrix

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

Hex(776B75) Hex(9C8998) Hex(776B6F) Hex(3B353A) Hex(7A0066) Hex(FA00D0)

	Hex(776B75)	Hex(9C8998)	Hex(776B6F)	Hex(3B353A)	Hex(7A0066)	Hex(FA00D0)
Hex(776B75)		Ratio: 1.56 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(9C8998)	Ratio: 1.56 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(776B6F)	Ratio: 1.01 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(3B353A)	Ratio: 2.36 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.34 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(7A0066)	Ratio: 2.05 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(FA00D0)	Ratio: 1.44 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.40 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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