

Converting Colors - WCAG Matrix

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

Hex(806A80) Hex(A683A6) Hex(806A75) Hex(403940) Hex(800080) Hex(000000)

	Hex(806A80)	Hex(A683A6)	Hex(806A75)	Hex(403940)	Hex(800080)	Hex(000000)
Hex(806A80)		Ratio: 1.50 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 4.29 AA 18pt ²
Hex(A683A6)	Ratio: 1.50 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(806A75)	Ratio: 1.01 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 4.24 AA 18pt ²
Hex(403940)	Ratio: 2.29 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.26 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(800080)	Ratio: 1.92 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(000000)	Ratio: 4.29 AA 18pt ²	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.23 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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