

Converting Colors - WCAG Matrix

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

Hex(803055) Hex(A62963) Hex(307D80) Hex(40393C) Hex(80003B) Hex(000000)

	Hex(803055)	Hex(A62963)	Hex(307D80)	Hex(40393C)	Hex(80003B)	Hex(000000)
Hex(803055)		Ratio: 1.26 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(A62963)	Ratio: 1.26 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(307D80)	Ratio: 1.77 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.37 AA 18pt ²
Hex(40393C)	Ratio: 1.32 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(80003B)	Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(000000)	Ratio: 2.47 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.98 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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