

Converting Colors - WCAG Matrix

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

Hex(473B47) Hex(5C495B) Hex(41473B) Hex(242023) Hex(63005E) Hex(E300D6)

	Hex(473B47)	Hex(5C495B)	Hex(41473B)	Hex(242023)	Hex(63005E)	Hex(E300D6)
Hex(473B47)		Ratio: 1.29 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(5C495B)	Ratio: 1.29 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(41473B)	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(242023)	Ratio: 1.52 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(63005E)	Ratio: 1.17 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.09 AA 18pt ²
Hex(E300D6)	Ratio: 2.64 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 3.09 AA 18pt ²	

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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