

Converting Colors - WCAG Matrix

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

Hex(68505D) Hex(876176) Hex(685051) Hex(332E31) Hex(73003E) Hex(F20083)

	Hex(68505D)	Hex(876176)	Hex(685051)	Hex(332E31)	Hex(73003E)	Hex(F20083)
Hex(68505D)		Ratio: 1.38 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(876176)	Ratio: 1.38 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(685051)	Ratio: 1.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(332E31)	Ratio: 1.84 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(73003E)	Ratio: 1.61 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(F20083)	Ratio: 1.76 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.84 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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