

Converting Colors - WCAG Matrix

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

Hex(652C43) Hex(852A4E) Hex(65322C) Hex(332E30) Hex(73002E) Hex(F20061)

	Hex(652C43)	Hex(852A4E)	Hex(65322C)	Hex(332E30)	Hex(73002E)	Hex(F20061)
Hex(652C43)		Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(852A4E)	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(65322C)	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(332E30)	Ratio: 1.27 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(73002E)	Ratio: 1.13 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(F20061)	Ratio: 2.48 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 2.80 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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