

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(633C4E) Hex(824461) Hex(3C6263) Hex(332E30) Hex(730036) Hex(F20071)

	Hex(633C4E)	Hex(824461)	Hex(3C6263)	Hex(332E30)	Hex(730036)	Hex(F20071)
Hex(633C4E)		Ratio: 1.29 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(824461)	Ratio: 1.29 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(3C6263)	Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(332E30)	Ratio: 1.45 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(730036)	Ratio: 1.28 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(F20071)	Ratio: 2.19 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.81 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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