

Converting Colors - WCAG Matrix

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

Hex(63003A) Hex(82004C) Hex(635B00) Hex(302C2E) Hex(700041) Hex(F0008B)

	Hex(63003A)	Hex(82004C)	Hex(635B00)	Hex(302C2E)	Hex(700041)	Hex(F0008B)
Hex(63003A)		Ratio: 1.29 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(82004C)	Ratio: 1.29 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(635B00)	Ratio: 1.90 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(302C2E)	Ratio: 1.04 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(700041)	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(F0008B)	Ratio: 3.19 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.88 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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