

Converting Colors - WCAG Matrix

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

Hex(6A2E4C) Hex(8A2C5B) Hex(2E6A6A) Hex(363033) Hex(75003B) Hex(F5007A)

	Hex(6A2E4C)	Hex(8A2C5B)	Hex(2E6A6A)	Hex(363033)	Hex(75003B)	Hex(F5007A)
Hex(6A2E4C)		Ratio: 1.23 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(8A2C5B)	Ratio: 1.23 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(2E6A6A)	Ratio: 1.61 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(363033)	Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(75003B)	Ratio: 1.16 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(F5007A)	Ratio: 2.45 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.17 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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