

Converting Colors - WCAG Matrix

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

Hex(E6708F) Hex(FF618A) Hex(CAE670) Hex(73676A) Hex(B3002F) Hex(33000D)

	Hex(E6708F)	Hex(FF618A)	Hex(CAE670)	Hex(73676A)	Hex(B3002F)	Hex(33000D)
Hex(E6708F)		Ratio: 1.04 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(FF618A)	Ratio: 1.04 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 6.39 AA ¹ AAA 18pt ⁴
Hex(CAE670)	Ratio: 2.13 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 13.14 Passed ⁶
Hex(73676A)	Ratio: 1.83 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 3.89 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B3002F)	Ratio: 2.39 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(33000D)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 13.14 Passed ⁶	Ratio: 3.38 AA 18pt ²	Ratio: 2.58 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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