

Converting Colors - WCAG Matrix

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

Hex(E35D83) Hex(FF4A7D) Hex(E37A5D) Hex(706568) Hex(B00031) Hex(30000E)

	Hex(E35D83)	Hex(FF4A7D)	Hex(E37A5D)	Hex(706568)	Hex(B00031)	Hex(30000E)
Hex(E35D83)		Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴
Hex(FF4A7D)	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(E37A5D)	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(706568)	Ratio: 1.64 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(B00031)	Ratio: 2.13 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(30000E)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.55 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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