

Converting Colors - WCAG Matrix

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

Hex(E33D66) Hex(FF1F56) Hex(3DE367) Hex(73676A) Hex(B3002C) Hex(33000D)

	Hex(E33D66)	Hex(FF1F56)	Hex(3DE367)	Hex(73676A)	Hex(B3002C)	Hex(33000D)
Hex(E33D66)		Ratio: 1.09 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(FF1F56)	Ratio: 1.09 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(3DE367)	Ratio: 2.42 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 10.80 Passed ⁶
Hex(73676A)	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.19 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B3002C)	Ratio: 1.74 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(33000D)	Ratio: 4.47 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 10.80 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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