

Converting Colors - WCAG Matrix

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

Hex(342B3B) Hex(41334D) Hex(3B2B3A) Hex(1D1C1F) Hex(35005E) Hex(7D00DE)

	Hex(342B3B)	Hex(41334D)	Hex(3B2B3A)	Hex(1D1C1F)	Hex(35005E)	Hex(7D00DE)
Hex(342B3B)		Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(41334D)	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(3B2B3A)	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(1D1C1F)	Ratio: 1.26 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(35005E)	Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(7D00DE)	Ratio: 1.88 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.23 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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