

Converting Colors - WCAG Matrix

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

Hex(3C333E) Hex(4C3E4F) Hex(3E333B) Hex(1E1C1F) Hex(4C005E) Hex(B200DE)

	Hex(3C333E)	Hex(4C3E4F)	Hex(3E333B)	Hex(1E1C1F)	Hex(4C005E)	Hex(B200DE)
Hex(3C333E)		Ratio: 1.22 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(4C3E4F)	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(3E333B)	Ratio: 1.00 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(1E1C1F)	Ratio: 1.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(4C005E)	Ratio: 1.18 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(B200DE)	Ratio: 2.28 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.69 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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