

Converting Colors - WCAG Matrix

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

Hex(39383D) Hex(49484F) Hex(3C383D) Hex(1C1C1F) Hex(13005E) Hex(2C00DE)

	Hex(39383D)	Hex(49484F)	Hex(3C383D)	Hex(1C1C1F)	Hex(13005E)	Hex(2C00DE)
Hex(39383D)		Ratio: 1.29 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(49484F)	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(3C383D)	Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(1C1C1F)	Ratio: 1.46 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(13005E)	Ratio: 1.52 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.82 Failed ⁵
Hex(2C00DE)	Ratio: 1.20 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.82 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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