

Converting Colors - WCAG Matrix

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

Hex(2C2735) Hex(372F45) Hex(332735) Hex(18171A) Hex(200059) Hex(4D00D9)

	Hex(2C2735)	Hex(372F45)	Hex(332735)	Hex(18171A)	Hex(200059)	Hex(4D00D9)
Hex(2C2735)		Ratio: 1.14 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.23 Failed⁵	Ratio: 1.20 Failed⁵	Ratio: 1.60 Failed⁵
Hex(372F45)	Ratio: 1.14 Failed⁵		Ratio: 1.12 Failed⁵	Ratio: 1.41 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.40 Failed⁵
Hex(332735)	Ratio: 1.02 Failed⁵	Ratio: 1.12 Failed⁵		Ratio: 1.26 Failed⁵	Ratio: 1.23 Failed⁵	Ratio: 1.56 Failed⁵
Hex(18171A)	Ratio: 1.23 Failed⁵	Ratio: 1.41 Failed⁵	Ratio: 1.26 Failed⁵		Ratio: 1.02 Failed⁵	Ratio: 1.97 Failed⁵
Hex(200059)	Ratio: 1.20 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.23 Failed⁵	Ratio: 1.02 Failed⁵		Ratio: 1.92 Failed⁵
Hex(4D00D9)	Ratio: 1.60 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 1.97 Failed⁵	Ratio: 1.92 Failed⁵	

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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