

Converting Colors - WCAG Matrix

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

Hex(2A2C39) Hex(32354A) Hex(302A39) Hex(191A1C) Hex(000C5C) Hex(001DDB)

	Hex(2A2C39)	Hex(32354A)	Hex(302A39)	Hex(191A1C)	Hex(000C5C)	Hex(001DDB)
Hex(2A2C39)		Ratio: 1.15 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(32354A)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(302A39)	Ratio: 1.00 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(191A1C)	Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(000C5C)	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.82 Failed ⁵
Hex(001DDB)	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.82 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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