

Converting Colors - WCAG Matrix

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

Hex(313237) Hex(3E4047) Hex(333137) Hex(191A1C) Hex(000F5C) Hex(0025DB)

	Hex(313237)	Hex(3E4047)	Hex(333137)	Hex(191A1C)	Hex(000F5C)	Hex(0025DB)
Hex(313237)		Ratio: 1.24 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(3E4047)	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(333137)	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(191A1C)	Ratio: 1.36 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(000F5C)	Ratio: 1.34 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.87 Failed ⁵
Hex(0025DB)	Ratio: 1.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.87 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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