

Converting Colors - WCAG Matrix

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

Hex(333E4C) Hex(3D4E63) Hex(34334C) Hex(222426) Hex(002D66) Hex(0065E6)

	Hex(333E4C)	Hex(3D4E63)	Hex(34334C)	Hex(222426)	Hex(002D66)	Hex(0065E6)
Hex(333E4C)		Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(3D4E63)	Ratio: 1.28 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(34334C)	Ratio: 1.12 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(222426)	Ratio: 1.43 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(002D66)	Ratio: 1.23 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(0065E6)	Ratio: 2.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.56 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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