

Converting Colors - WCAG Matrix

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

Hex(3D4357) Hex(485170) Hex(443D57) Hex(27282B) Hex(00196B) Hex(0036EB)

	Hex(3D4357)	Hex(485170)	Hex(443D57)	Hex(27282B)	Hex(00196B)	Hex(0036EB)
Hex(3D4357)		Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(485170)	Ratio: 1.26 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(443D57)	Ratio: 1.04 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(27282B)	Ratio: 1.50 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(00196B)	Ratio: 1.58 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(0036EB)	Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.02 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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