

Converting Colors - WCAG Matrix

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

Hex(3E5485) Hex(314B85) Hex(234285) Hex(163885) Hex(092F85) Hex(002985)

Hex(3E5485)		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(314B85)	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(234285)	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(163885)	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(092F85)	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵	
Hex(002985)	Ratio: 1.70 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 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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