

Converting Colors - WCAG Matrix

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

Hex(3C55A6) Hex(3259D9) Hex(563CA6) Hex(4C4E54) Hex(002394) Hex(000514)

	Hex(3C55A6)	Hex(3259D9)	Hex(563CA6)	Hex(4C4E54)	Hex(002394)	Hex(000514)
Hex(3C55A6)		Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(3259D9)	Ratio: 1.17 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(563CA6)	Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(4C4E54)	Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(002394)	Ratio: 1.82 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.62 Failed ⁵
Hex(000514)	Ratio: 2.95 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.62 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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