

Converting Colors - WCAG Matrix

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

Hex(4C709D) Hex(3C679D) Hex(2C5E9D) Hex(1D559D) Hex(0D4D9D) Hex(00469D)

	Hex(4C709D)	Hex(3C679D)	Hex(2C5E9D)	Hex(1D559D)	Hex(0D4D9D)	Hex(00469D)
Hex(4C709D)		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(3C679D)	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(2C5E9D)	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(1D559D)	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(0D4D9D)	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(00469D)	Ratio: 1.74 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 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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