

Converting Colors - WCAG Matrix

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

Hex(515B77) Hex(60709C) Hex(5A5177) Hex(35363B) Hex(00207A) Hex(0042FA)

	Hex(515B77)	Hex(60709C)	Hex(5A5177)	Hex(35363B)	Hex(00207A)	Hex(0042FA)
Hex(515B77)		Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(60709C)	Ratio: 1.38 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(5A5177)	Ratio: 1.08 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(35363B)	Ratio: 1.79 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(00207A)	Ratio: 2.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(0042FA)	Ratio: 1.02 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.12 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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