

Converting Colors - WCAG Matrix

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

Hex(2D5A95) Hex(1F65C2) Hex(342D95) Hex(43464A) Hex(003C8A) Hex(00040A)

	Hex(2D5A95)	Hex(1F65C2)	Hex(342D95)	Hex(43464A)	Hex(003C8A)	Hex(00040A)
Hex(2D5A95)		Ratio: 1.23 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(1F65C2)	Ratio: 1.23 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(342D95)	Ratio: 1.54 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(43464A)	Ratio: 1.36 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(003C8A)	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.97 Failed ⁵
Hex(00040A)	Ratio: 2.94 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.97 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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