

Converting Colors - WCAG Matrix

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

Hex(01298A) Hex(0034B3) Hex(1C018A) Hex(3E4045) Hex(002785) Hex(000105)

Hex(01298A)		Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(0034B3)	Ratio: 1.27 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(1C018A)	Ratio: 1.19 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(3E4045)	Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(002785)	Ratio: 1.03 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.62 Failed ⁵
Hex(000105)	Ratio: 1.67 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.01 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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