

Converting Colors - WCAG Matrix

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

Hex(0543A3) Hex(0053D4) Hex(1505A3) Hex(494D52) Hex(003991) Hex(000712)

Hex(0543A3)		Ratio: 1.36 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(0053D4)	Ratio: 1.36 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(1505A3)	Ratio: 1.48 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(494D52)	Ratio: 1.05 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(003991)	Ratio: 1.17 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.24 Failed ⁵	
Hex(000712)	Ratio: 2.25 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.92 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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