

Converting Colors - WCAG Matrix

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

Hex(3A6896) Hex(327AC2) Hex(3A3A96) Hex(43464A) Hex(00458A) Hex(00050A)

Hex(3A6896)		Ratio: 1.30 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(327AC2)	Ratio: 1.30 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(3A3A96)	Ratio: 1.62 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(43464A)	Ratio: 1.63 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(00458A)	Ratio: 1.62 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵	
Hex(00050A)	Ratio: 3.51 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.17 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.16 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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