

Converting Colors - WCAG Matrix

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

Hex(3800FF) Hex(0000E1) Hex(0000C4) Hex(0000A8) Hex(00009C)

Hex(3800FF)		Ratio: 1.25 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(0000E1)	Ratio: 1.25 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(0000C4)	Ratio: 1.45 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(0000A8)	Ratio: 1.67 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(00009C)	Ratio: 1.76 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 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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