

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3380B3) Hex(2098E8) Hex(3341B3) Hex(505759) Hex(005B99) Hex(00101A)

	Hex(3380B3)	Hex(2098E8)	Hex(3341B3)	Hex(505759)	Hex(005B99)	Hex(00101A)
Hex(3380B3)		Ratio: 1.38 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(2098E8)	Ratio: 1.38 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(3341B3)	Ratio: 1.92 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(505759)	Ratio: 1.71 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(005B99)	Ratio: 1.65 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(00101A)	Ratio: 4.48 AA 18pt ²	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 2.34 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.71 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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