

Converting Colors - WCAG Matrix

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

Hex(3780C0) Hex(2396FA) Hex(373CC0) Hex(575C61) Hex(0056A1) Hex(001221)

	Hex(3780C0)	Hex(2396FA)	Hex(373CC0)	Hex(575C61)	Hex(0056A1)	Hex(001221)
Hex(3780C0)		Ratio: 1.36 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(2396FA)	Ratio: 1.36 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(373CC0)	Ratio: 1.95 Failed ⁵	Ratio: 2.65 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(575C61)	Ratio: 1.61 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(0056A1)	Ratio: 1.76 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(001221)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.57 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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