

Converting Colors - WCAG Matrix

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

Hex(2F82C7) Hex(1495FF) Hex(2F37C7) Hex(5A5F63) Hex(0059A3) Hex(001324)

	Hex(2F82C7)	Hex(1495FF)	Hex(2F37C7)	Hex(5A5F63)	Hex(0059A3)	Hex(001324)
Hex(2F82C7)		Ratio: 1.32 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(1495FF)	Ratio: 1.32 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2F37C7)	Ratio: 2.06 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(5A5F63)	Ratio: 1.58 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(0059A3)	Ratio: 1.74 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(001324)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.64 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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