

Converting Colors - WCAG Matrix

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

Hex(298AE0) Hex(058AFF) Hex(292EE0) Hex(666B70) Hex(005CB0) Hex(001A30)

	Hex(298AE0)	Hex(058AFF)	Hex(292EE0)	Hex(666B70)	Hex(005CB0)	Hex(001A30)
Hex(298AE0)		Ratio: 1.05 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(058AFF)	Ratio: 1.05 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(292EE0)	Ratio: 2.27 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(666B70)	Ratio: 1.49 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(005CB0)	Ratio: 1.84 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(001A30)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.65 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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