

Converting Colors - WCAG Matrix

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

Hex(5B8F90) Hex(427576) Hex(285D5D) Hex(0A4546) Hex(002E30) Hex(001B1B) Hex(00010E)

	Hex(5B8F90)	Hex(427576)	Hex(285D5D)	Hex(0A4546)	Hex(002E30)	Hex(001B1B)	Hex(00010E)
Hex(5B8F90)		Ratio: 1.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(427576)	Ratio: 1.43 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(285D5D)	Ratio: 2.05 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(0A4546)	Ratio: 2.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(002E30)	Ratio: 4.03 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(001B1B)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(00010E)	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 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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