

Converting Colors - WCAG Matrix

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

Hex(15759A) Hex(0091C9) Hex(15349A) Hex(454A4D) Hex(00658C) Hex(00090D)

	Hex(15759A)	Hex(0091C9)	Hex(15349A)	Hex(454A4D)	Hex(00658C)	Hex(00090D)
Hex(15759A)		Ratio: 1.46 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(0091C9)	Ratio: 1.46 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(15349A)	Ratio: 2.03 Failed ⁵	Ratio: 2.96 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(454A4D)	Ratio: 1.73 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(00658C)	Ratio: 1.25 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.10 AA 18pt ²
Hex(00090D)	Ratio: 3.87 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.90 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 3.10 AA 18pt ²	

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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