

Converting Colors - WCAG Matrix

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

Hex(1E869D) Hex(06A9CC) Hex(1E489D) Hex(474E4F) Hex(00758F) Hex(000D0F)

	Hex(1E869D)	Hex(06A9CC)	Hex(1E489D)	Hex(474E4F)	Hex(00758F)	Hex(000D0F)
Hex(1E869D)		Ratio: 1.53 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(06A9CC)	Ratio: 1.53 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 7.10 Passed ⁶
Hex(1E489D)	Ratio: 2.01 Failed ⁵	Ratio: 3.06 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(474E4F)	Ratio: 2.00 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(00758F)	Ratio: 1.26 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.70 AA 18pt ²
Hex(000D0F)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 7.10 Passed ⁶	Ratio: 2.32 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 3.70 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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