

Converting Colors - WCAG Matrix

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

Hex(1F8299) Hex(08A3C7) Hex(1F4599) Hex(454A4D) Hex(00738C) Hex(000A0D)

	Hex(1F8299)	Hex(08A3C7)	Hex(1F4599)	Hex(454A4D)	Hex(00738C)	Hex(000A0D)
Hex(1F8299)		Ratio: 1.50 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 4.49 AA 18pt ²
Hex(08A3C7)	Ratio: 1.50 Failed ⁵		Ratio: 2.99 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(1F4599)	Ratio: 1.99 Failed ⁵	Ratio: 2.99 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(454A4D)	Ratio: 2.01 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(00738C)	Ratio: 1.23 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 3.65 AA 18pt ²
Hex(000A0D)	Ratio: 4.49 AA 18pt ²	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 2.26 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 3.65 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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