

Converting Colors - WCAG Matrix

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

Hex(659F9F) Hex(74CFCD) Hex(65819F) Hex(474F4F) Hex(008F8D) Hex(000F0D)

	Hex(659F9F)	Hex(74CFCD)	Hex(65819F)	Hex(474F4F)	Hex(008F8D)	Hex(000F0D)
Hex(659F9F)		Ratio: 1.65 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(74CFCD)	Ratio: 1.65 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 2.17 Failed ⁵	Ratio: 10.75 Passed ⁶
Hex(65819F)	Ratio: 1.35 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(474F4F)	Ratio: 2.81 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(008F8D)	Ratio: 1.32 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(000F0D)	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 10.75 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 2.33 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	

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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