

Converting Colors - WCAG Matrix

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

Hex(659A9A) Hex(77C9C9) Hex(65809A) Hex(454D4D) Hex(008C8C) Hex(000D0D)

	Hex(659A9A)	Hex(77C9C9)	Hex(65809A)	Hex(454D4D)	Hex(008C8C)	Hex(000D0D)
Hex(659A9A)		Ratio: 1.65 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(77C9C9)	Ratio: 1.65 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 2.14 Failed ⁵	Ratio: 10.33 Passed ⁶
Hex(65809A)	Ratio: 1.30 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(454D4D)	Ratio: 2.74 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 2.11 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(008C8C)	Ratio: 1.29 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(000D0D)	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 10.33 Passed ⁶	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 4.82 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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