

Converting Colors - WCAG Matrix

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

Hex(689696) Hex(7CC4C4) Hex(688096) Hex(454D4C) Hex(008C8C) Hex(000D0D)

	Hex(689696)	Hex(7CC4C4)	Hex(688096)	Hex(454D4C)	Hex(008C8C)	Hex(000D0D)
Hex(689696)		Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴
Hex(7CC4C4)	Ratio: 1.65 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 9.92 Passed ⁶
Hex(688096)	Ratio: 1.25 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(454D4C)	Ratio: 2.64 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(008C8C)	Ratio: 1.25 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(000D0D)	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 9.92 Passed ⁶	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.27 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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