

Converting Colors - WCAG Matrix

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

Hex(98CD99) Hex(EBFFEB) Hex(CCCD98) Hex(738073) Hex(000000) Hex(808080)

	Hex(98CD99)	Hex(EBFFEB)	Hex(CCCD98)	Hex(738073)	Hex(000000)	Hex(808080)
Hex(98CD99)		Ratio: 1.74 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 11.53 Passed ⁶	Ratio: 2.17 Failed ⁵
Hex(EBFFEB)	Ratio: 1.74 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.04 Passed ⁶	Ratio: 3.77 AA 18pt ²
Hex(CCCD98)	Ratio: 1.11 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 12.75 Passed ⁶	Ratio: 2.40 Failed ⁵
Hex(738073)	Ratio: 2.28 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 11.53 Passed ⁶	Ratio: 20.04 Passed ⁶	Ratio: 12.75 Passed ⁶	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.17 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.32 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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