

Converting Colors - WCAG Matrix

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

Hex(40E2AF) Hex(C9FFEE) Hex(73E240) Hex(608075) Hex(000000) Hex(808080)

	Hex(40E2AF)	Hex(C9FFEE)	Hex(73E240)	Hex(608075)	Hex(000000)	Hex(808080)
Hex(40E2AF)		Ratio: 1.50 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 12.72 Passed ⁶	Ratio: 2.39 Failed ⁵
Hex(C9FFEE)	Ratio: 1.50 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 19.02 Passed ⁶	Ratio: 3.58 AA 18pt ²
Hex(73E240)	Ratio: 1.00 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 12.68 Passed ⁶	Ratio: 2.39 Failed ⁵
Hex(608075)	Ratio: 2.63 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 12.72 Passed ⁶	Ratio: 19.02 Passed ⁶	Ratio: 12.68 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.39 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.10 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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