

Converting Colors - WCAG Matrix

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

Hex(3F8D8D) Hex(3EB8B8) Hex(3F668D) Hex(404747) Hex(008787) Hex(000808)

	Hex(3F8D8D)	Hex(3EB8B8)	Hex(3F668D)	Hex(404747)	Hex(008787)	Hex(000808)
Hex(3F8D8D)		Ratio: 1.62 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴
Hex(3EB8B8)	Ratio: 1.62 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 8.43 Passed ⁶
Hex(3F668D)	Ratio: 1.55 Failed ⁵	Ratio: 2.50 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(404747)	Ratio: 2.45 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.58 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(008787)	Ratio: 1.12 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(000808)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 8.43 Passed ⁶	Ratio: 3.37 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 4.64 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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