

Converting Colors - WCAG Matrix

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

Hex(8E9090) Hex(B6BABA) Hex(8E8F90) Hex(464747) Hex(008787) Hex(000808)

	Hex(8E9090)	Hex(B6BABA)	Hex(8E8F90)	Hex(464747)	Hex(008787)	Hex(000808)
Hex(8E9090)		Ratio: 1.64 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(B6BABA)	Ratio: 1.64 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 10.33 Passed ⁶
Hex(8E8F90)	Ratio: 1.01 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 6.24 AA ¹ AAA 18pt ⁴
Hex(464747)	Ratio: 2.90 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 2.88 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(008787)	Ratio: 1.36 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(000808)	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 10.33 Passed ⁶	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 2.17 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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