

Converting Colors - WCAG Matrix

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

Hex(9794B1) Hex(DBDAE6) Hex(94AEB1) Hex(6D6C73) Hex(F2F2F2) Hex(737373)

	Hex(9794B1)	Hex(DBDAE6)	Hex(94AEB1)	Hex(6D6C73)	Hex(F2F2F2)	Hex(737373)
Hex(9794B1)		Ratio: 2.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(DBDAE6)	Ratio: 2.11 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(94AEB1)	Ratio: 1.25 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(6D6C73)	Ratio: 1.78 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(F2F2F2)	Ratio: 2.61 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.62 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.24 AA 18pt ²	

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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