

Converting Colors - WCAG Matrix

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

Hex(597B87) Hex(9EABB0) Hex(598765) Hex(4F5659) Hex(D9D9D9) Hex(595959)

Hex(597B87)		Ratio: 1.93 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(9EABB0)	Ratio: 1.93 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(598765)	Ratio: 1.10 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(4F5659)	Ratio: 1.64 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.81 Failed ⁵		Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(D9D9D9)	Ratio: 3.23 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.54 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.96 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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