

Converting Colors - WCAG Matrix

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

Hex(636F8C) Hex(A7ACB8) Hex(638C80) Hex(52555C) Hex(DBDBDB) Hex(5C5C5C)

	Hex(636F8C)	Hex(A7ACB8)	Hex(638C80)	Hex(52555C)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(636F8C)		Ratio: 2.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(A7ACB8)	Ratio: 2.21 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(638C80)	Ratio: 1.34 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(52555C)	Ratio: 1.49 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(DBDBDB)	Ratio: 3.63 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.33 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.83 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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