

Converting Colors - WCAG Matrix

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

Hex(668E6F) Hex(A9B8AC) Hex(858E66) Hex(535C55) Hex(DBDBDB) Hex(5C5C5C)

	Hex(668E6F)	Hex(A9B8AC)	Hex(858E66)	Hex(535C55)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(668E6F)		Ratio: 1.79 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(A9B8AC)	Ratio: 1.79 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(858E66)	Ratio: 1.07 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(535C55)	Ratio: 1.87 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.00 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(DBDBDB)	Ratio: 2.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.80 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.04 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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