

Converting Colors - WCAG Matrix

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

Hex(00488B) Hex(7F9BB5) Hex(008B41) Hex(3B4C5C) Hex(DBDBDB) Hex(5C5C5C)

	Hex(00488B)	Hex(7F9BB5)	Hex(008B41)	Hex(3B4C5C)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(00488B)		Ratio: 3.16 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵
Hex(7F9BB5)	Ratio: 3.16 AA 18pt ²		Ratio: 1.52 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(008B41)	Ratio: 2.07 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(3B4C5C)	Ratio: 1.03 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(DBDBDB)	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 6.39 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.37 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 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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