

Converting Colors - WCAG Matrix

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

Hex(8C635B) Hex(B5A6A3) Hex(8C5B85) Hex(5C5251) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8C635B)	Hex(B5A6A3)	Hex(8C5B85)	Hex(5C5251)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8C635B)		Ratio: 2.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(B5A6A3)	Ratio: 2.21 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(8C5B85)	Ratio: 1.03 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(5C5251)	Ratio: 1.46 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(DBDBDB)	Ratio: 3.74 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.29 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 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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