

Converting Colors - WCAG Matrix

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

Hex(8C7777) Hex(B5ACAC) Hex(8B778C) Hex(5C5656) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8C7777)	Hex(B5ACAC)	Hex(8B778C)	Hex(5C5656)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8C7777)		Ratio: 1.88 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(B5ACAC)	Ratio: 1.88 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.60 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(8B778C)	Ratio: 1.02 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(5C5656)	Ratio: 1.72 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.75 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(DBDBDB)	Ratio: 3.02 AA 18pt ²	Ratio: 1.60 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.60 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.08 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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