

Converting Colors - WCAG Matrix

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

Hex(8F837C) Hex(BAB6B3) Hex(8F7C88) Hex(5E5B5A) Hex(DEDEDE) Hex(5E5E5E)

	Hex(8F837C)	Hex(BAB6B3)	Hex(8F7C88)	Hex(5E5B5A)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(8F837C)		Ratio: 1.83 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(BAB6B3)	Ratio: 1.83 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(8F7C88)	Ratio: 1.06 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(5E5B5A)	Ratio: 1.83 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.73 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(DEDEDE)	Ratio: 2.74 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.76 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.82 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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