

Converting Colors - WCAG Matrix

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

Hex(6E917C) Hex(AFBDB5) Hex(83916E) Hex(575E5A) Hex(DEDEDE) Hex(5E5E5E)

	Hex(6E917C)	Hex(AFBDB5)	Hex(83916E)	Hex(575E5A)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(6E917C)		Ratio: 1.79 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(AFBDB5)	Ratio: 1.79 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(83916E)	Ratio: 1.04 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(575E5A)	Ratio: 1.90 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.98 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(DEDEDE)	Ratio: 2.60 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.85 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 1.03 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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