

Converting Colors - WCAG Matrix

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

Hex(57917A) Hex(A6BDB4) Hex(6E9157) Hex(515E59) Hex(DEDEDE) Hex(5E5E5E)

	Hex(57917A)	Hex(A6BDB4)	Hex(6E9157)	Hex(515E59)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(57917A)		Ratio: 1.84 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(A6BDB4)	Ratio: 1.84 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(6E9157)	Ratio: 1.02 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(515E59)	Ratio: 1.85 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(DEDEDE)	Ratio: 2.72 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.77 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.05 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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