

Converting Colors - WCAG Matrix

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

Hex(5C8F71) Hex(A6BAAE) Hex(7B8F5C) Hex(525E57) Hex(DEDEDE) Hex(5E5E5E)

	Hex(5C8F71)	Hex(A6BAAE)	Hex(7B8F5C)	Hex(525E57)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(5C8F71)		Ratio: 1.82 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(A6BAAE)	Ratio: 1.82 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(7B8F5C)	Ratio: 1.05 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(525E57)	Ratio: 1.82 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(DEDEDE)	Ratio: 2.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.74 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.83 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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