

Converting Colors - WCAG Matrix

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

Hex(50991F) Hex(AAC797) Hex(99661F) Hex(526347) Hex(E3E3E3) Hex(636363)

	Hex(50991F)	Hex(AAC797)	Hex(99661F)	Hex(526347)	Hex(E3E3E3)	Hex(636363)
Hex(50991F)		Ratio: 1.91 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(AAC797)	Ratio: 1.91 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(99661F)	Ratio: 1.38 Failed ⁵	Ratio: 2.65 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(526347)	Ratio: 1.83 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(E3E3E3)	Ratio: 2.77 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.69 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.68 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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