

Converting Colors - WCAG Matrix

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

Hex(156392) Hex(8CAABD) Hex(159243) Hex(41535E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(156392)	Hex(8CAABD)	Hex(159243)	Hex(41535E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(156392)		Ratio: 2.66 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(8CAABD)	Ratio: 2.66 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(159243)	Ratio: 1.62 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(41535E)	Ratio: 1.23 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(DEDEDE)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.82 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.00 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 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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