

Converting Colors - WCAG Matrix

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

Hex(364C91) Hex(99A1BD) Hex(36917A) Hex(494E5E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(364C91)	Hex(99A1BD)	Hex(36917A)	Hex(494E5E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(364C91)		Ratio: 3.15 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(99A1BD)	Ratio: 3.15 AA 18pt ²		Ratio: 1.49 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(36917A)	Ratio: 2.11 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(494E5E)	Ratio: 1.03 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.17 Failed ⁵		Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(DEDEDE)	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.25 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 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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