

Converting Colors - WCAG Matrix

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

Hex(5A5791) Hex(A7A6BD) Hex(578F91) Hex(52515E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(5A5791)	Hex(A7A6BD)	Hex(578F91)	Hex(52515E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(5A5791)		Ratio: 2.75 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A7A6BD)	Ratio: 2.75 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(578F91)	Ratio: 1.79 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(52515E)	Ratio: 1.19 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.13 Failed ⁵		Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(DEDEDE)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.77 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 5.79 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.01 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.20 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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