

Converting Colors - WCAG Matrix

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

Hex(5C548F) Hex(A6A3BA) Hex(54878F) Hex(54525E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(5C548F)	Hex(A6A3BA)	Hex(54878F)	Hex(54525E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(5C548F)		Ratio: 2.75 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(A6A3BA)	Ratio: 2.75 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(54878F)	Ratio: 1.68 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(54525E)	Ratio: 1.14 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(DEDEDE)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.82 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.04 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.18 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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