

Converting Colors - WCAG Matrix

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

Hex(42648F) Hex(9CAABA) Hex(428F6C) Hex(4C545E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(42648F)	Hex(9CAABA)	Hex(428F6C)	Hex(4C545E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(42648F)		Ratio: 2.57 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(9CAABA)	Ratio: 2.57 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(428F6C)	Ratio: 1.56 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(4C545E)	Ratio: 1.26 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.96 Failed ⁵		Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(DEDEDE)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.76 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.07 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.66 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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