

Converting Colors - WCAG Matrix

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

Hex(28567C) Hex(8192A1) Hex(287C4E) Hex(3E4952) Hex(D1D1D1) Hex(525252)

	Hex(28567C)	Hex(8192A1)	Hex(287C4E)	Hex(3E4952)	Hex(D1D1D1)	Hex(525252)
Hex(28567C)		Ratio: 2.42 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(8192A1)	Ratio: 2.42 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(287C4E)	Ratio: 1.51 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(3E4952)	Ratio: 1.19 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(D1D1D1)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 2.10 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.01 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 5.12 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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