

Converting Colors - WCAG Matrix

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

Hex(25314E) Hex(565B66) Hex(254E41) Hex(292C33) Hex(B3B3B3) Hex(333333)

	Hex(25314E)	Hex(565B66)	Hex(254E41)	Hex(292C33)	Hex(B3B3B3)	Hex(333333)
Hex(25314E)		Ratio: 1.89 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(565B66)	Ratio: 1.89 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.86 Failed ⁵
Hex(254E41)	Ratio: 1.38 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(292C33)	Ratio: 1.08 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(B3B3B3)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 6.67 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.02 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 6.03 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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