

Converting Colors - WCAG Matrix

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

Hex(314AA5) Hex(A9B3D6) Hex(31A58C) Hex(50566B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(314AA5)	Hex(A9B3D6)	Hex(31A58C)	Hex(50566B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(314AA5)		Ratio: 3.81 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.49 Failed ⁵
Hex(A9B3D6)	Ratio: 3.81 AA 18pt ²		Ratio: 1.47 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(31A58C)	Ratio: 2.60 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(50566B)	Ratio: 1.09 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵
Hex(EBEBEB)	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.74 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 6.11 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.49 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 4.47 AA 18pt ²	

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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