

Converting Colors - WCAG Matrix

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

Hex(6D31A1) Hex(BDA5D1) Hex(3165A1) Hex(5C4E69) Hex(E8E8E8) Hex(696969)

	Hex(6D31A1)	Hex(BDA5D1)	Hex(3165A1)	Hex(5C4E69)	Hex(E8E8E8)	Hex(696969)
Hex(6D31A1)		Ratio: 3.64 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 1.47 Failed ⁵
Hex(BDA5D1)	Ratio: 3.64 AA 18pt ²		Ratio: 2.70 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(3165A1)	Ratio: 1.35 Failed ⁵	Ratio: 2.70 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(5C4E69)	Ratio: 1.06 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵
Hex(E8E8E8)	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 1.81 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.47 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.48 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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