

Converting Colors - WCAG Matrix

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

Hex(745C9A) Hex(BBB1C9) Hex(5C829A) Hex(5D5866) Hex(E6E6E6) Hex(666666)

	Hex(745C9A)	Hex(BBB1C9)	Hex(5C829A)	Hex(5D5866)	Hex(E6E6E6)	Hex(666666)
Hex(745C9A)		Ratio: 2.74 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(BBB1C9)	Ratio: 2.74 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(5C829A)	Ratio: 1.37 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(5D5866)	Ratio: 1.22 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(E6E6E6)	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.64 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.02 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.60 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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