

Converting Colors - WCAG Matrix

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

Hex(2B0099) Hex(9C8CC7) Hex(006E99) Hex(4A4063) Hex(E3E3E3) Hex(636363)

	Hex(2B0099)	Hex(9C8CC7)	Hex(006E99)	Hex(4A4063)	Hex(E3E3E3)	Hex(636363)
Hex(2B0099)		Ratio: 4.47 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 10.47 Passed ⁶	Ratio: 2.24 Failed ⁵
Hex(9C8CC7)	Ratio: 4.47 AA 18pt ²		Ratio: 1.89 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(006E99)	Ratio: 2.36 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(4A4063)	Ratio: 1.41 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.67 Failed ⁵		Ratio: 7.42 Passed ⁶	Ratio: 1.59 Failed ⁵
Hex(E3E3E3)	Ratio: 10.47 Passed ⁶	Ratio: 2.34 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 7.42 Passed ⁶		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 2.24 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 4.68 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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