

Converting Colors - WCAG Matrix

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

Hex(914A94) Hex(BEA3BF) Hex(4A4E94) Hex(604F61) Hex(E0E0E0) Hex(616161)

	Hex(914A94)	Hex(BEA3BF)	Hex(4A4E94)	Hex(604F61)	Hex(E0E0E0)	Hex(616161)
Hex(914A94)		Ratio: 2.54 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(BEA3BF)	Ratio: 2.54 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(4A4E94)	Ratio: 1.29 Failed ⁵	Ratio: 3.27 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(604F61)	Ratio: 1.30 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(E0E0E0)	Ratio: 4.41 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.71 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.06 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 4.69 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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