

Converting Colors - WCAG Matrix

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

Hex(E19297) Hex(FF949B) Hex(E1B492) Hex(706566) Hex(B0000B) Hex(300003)

	Hex(E19297)	Hex(FF949B)	Hex(E1B492)	Hex(706566)	Hex(B0000B)	Hex(300003)
Hex(E19297)		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 7.77 Passed ⁶
Hex(FF949B)	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 8.84 Passed ⁶
Hex(E1B492)	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 9.89 Passed ⁶
Hex(706566)	Ratio: 2.34 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(B0000B)	Ratio: 3.07 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(300003)	Ratio: 7.77 Passed ⁶	Ratio: 8.84 Passed ⁶	Ratio: 9.89 Passed ⁶	Ratio: 3.32 AA 18pt ²	Ratio: 2.53 Failed ⁵	

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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