

Converting Colors - WCAG Matrix

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

Hex(E291A8) Hex(FF91B0) Hex(E2A191) Hex(706568) Hex(B00032) Hex(30000E)

	Hex(E291A8)	Hex(FF91B0)	Hex(E2A191)	Hex(706568)	Hex(B00032)	Hex(30000E)
Hex(E291A8)		Ratio: 1.12 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 7.82 Passed ⁶
Hex(FF91B0)	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 8.77 Passed ⁶
Hex(E2A191)	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 8.60 Passed ⁶
Hex(706568)	Ratio: 2.36 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(B00032)	Ratio: 3.06 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(30000E)	Ratio: 7.82 Passed ⁶	Ratio: 8.77 Passed ⁶	Ratio: 8.60 Passed ⁶	Ratio: 3.31 AA 18pt ²	Ratio: 2.55 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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