

Converting Colors - WCAG Matrix

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

Hex(A2FE91) Hex(91FF7D) Hex(91FEB5) Hex(758073) Hex(1EBF00) Hex(0A4000)

	Hex(A2FE91)	Hex(91FF7D)	Hex(91FEB5)	Hex(758073)	Hex(1EBF00)	Hex(0A4000)
Hex(A2FE91)		Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 9.81 Passed ⁶
Hex(91FF7D)	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 9.62 Passed ⁶
Hex(91FEB5)	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 9.76 Passed ⁶
Hex(758073)	Ratio: 3.36 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 3.35 AA 18pt ²		Ratio: 1.67 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(1EBF00)	Ratio: 2.01 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(0A4000)	Ratio: 9.81 Passed ⁶	Ratio: 9.62 Passed ⁶	Ratio: 9.76 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 4.87 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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