

Converting Colors - WCAG Matrix

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

Hex(A9D8CE) Hex(EDFFFB) Hex(B4D8A9) Hex(75807D) Hex(FFFFFF) Hex(808080)

	Hex(A9D8CE)	Hex(EDFFFB)	Hex(B4D8A9)	Hex(75807D)	Hex(FFFFFF)	Hex(808080)
Hex(A9D8CE)		Ratio: 1.51 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(EDFFFB)	Ratio: 1.51 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(B4D8A9)	Ratio: 1.00 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(75807D)	Ratio: 2.61 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.59 Failed ⁵		Ratio: 4.09 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(FFFFFF)	Ratio: 1.57 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.09 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.52 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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