

Converting Colors - WCAG Matrix

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

Hex(ABABAC) Hex(BCBCAC) Hex(CDCDAC) Hex(DEDEAC) Hex(F0EFAC) Hex(FFFFAC)

Hex(ABABAC)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(BCBCAC)	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(CDCDAC)	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(DEDEAC)	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(F0EFAC)	Ratio: 1.93 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(FFFFAC)	Ratio: 2.20 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 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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