

Converting Colors - WCAG Matrix

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

Hex(6C6263) Hex(FFFFFF) Hex(9F9596) Hex(BAAFB0) Hex(D6CBCC) Hex(F2E7E8)

Hex(6C6263)		Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.72 AA 18pt ² AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.89 AA ¹ AAA 18pt ⁴		Ratio: 2.91 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.58 Failed ⁵ Ratio: 1.21 Failed ⁵
Hex(9F9596)	Ratio: 2.02 Failed ⁵	Ratio: 2.91 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵ Ratio: 2.41 Failed ⁵
Hex(BAAFB0)	Ratio: 2.76 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵ Ratio: 1.76 Failed ⁵
Hex(D6CBCC)	Ratio: 3.72 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(F2E7E8)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 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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