

Converting Colors - WCAG Matrix

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

	Hex(5D6767)	Hex(FFFFFF)	Hex(909A99)	Hex(AAB5B4)	Hex(C5D0D0)	Hex(E1ECEC)	Hex(FEFFFF)
Hex(5D6767)		Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.83 AA ¹ AAA 18pt ⁴		Ratio: 2.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(909A99)	Ratio: 2.02 Failed ⁵	Ratio: 2.89 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(AAB5B4)	Ratio: 2.77 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(C5D0D0)	Ratio: 3.70 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(E1ECEC)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FEFFFF)	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.20 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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