

Converting Colors - WCAG Matrix

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

	Hex(373133)	Hex(FFFFFF)	Hex(665F61)	Hex(7F787A)	Hex(999194)	Hex(B3ACAE)	Hex(CFC7CA)	Hex(EBE3E6)
Hex(373133)		Ratio: 12.73 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶	Ratio: 10.10 Passed ⁶
Hex(FFFFFF)	Ratio: 12.73 Passed ⁶		Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(665F61)	Ratio: 2.05 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴
Hex(7F787A)	Ratio: 2.95 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(999194)	Ratio: 4.14 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(B3ACAE)	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(CFC7CA)	Ratio: 7.68 Passed ⁶	Ratio: 1.66 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(EBE3E6)	Ratio: 10.10 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.77 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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