

Converting Colors - WCAG Matrix

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

	Hex(8C8082)	Hex(8C8E8D)	Hex(8C9C98)	Hex(8CAAA4)	Hex(8CB8AF)	Hex(8CC6BA)	Hex(8CD4C5)	Hex(8CE2D1)	Hex(8CF0DC)	Hex(8CFEE7)
Hex(8C8082)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(8C8E8D)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(8C9C98)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(8CAAA4)	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(8CB8AF)	Ratio: 1.74 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(8CC6BA)	Ratio: 1.97 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(8CD4C5)	Ratio: 2.23 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(8CE2D1)	Ratio: 2.52 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(8CF0DC)	Ratio: 2.83 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(8CFEE7)	Ratio: 3.16 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 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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