

Converting Colors - WCAG Matrix

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

	Hex(14261A)	Hex(F7FFFC)	Hex(405445)	Hex(576B5C)	Hex(708575)	Hex(8A9E8F)	Hex(A3BAA8)	Hex(BFD6C4)	Hex(DBF2E0)
Hex(14261A)		Ratio: 15.63 Passed ⁶	Ratio: 1.95 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 7.67 Passed ⁶	Ratio: 10.31 Passed ⁶	Ratio: 13.46 Passed ⁶
Hex(F7FFFC)	Ratio: 15.63 Passed ⁶		Ratio: 8.03 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(405445)	Ratio: 1.95 Failed ⁵	Ratio: 8.03 Passed ⁶		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 6.92 AA ¹ AAA 18pt ⁴
Hex(576B5C)	Ratio: 2.77 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(708575)	Ratio: 4.01 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(8A9E8F)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 2.80 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(A3BAA8)	Ratio: 7.67 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(BFD6C4)	Ratio: 10.31 Passed ⁶	Ratio: 1.52 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(DBF2E0)	Ratio: 13.46 Passed ⁶	Ratio: 1.16 Failed ⁵	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.75 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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