

Converting Colors - WCAG Matrix

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

	Hex(3B5448)	Hex(FFFFFF)	Hex(6B8678)	Hex(84A092)	Hex(9FBBAD)	Hex(BAD7C8)	Hex(D6F3E4)	Hex(F2FFFF)
Hex(3B5448)		Ratio: 8.24 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 8.06 Passed ⁶
Hex(FFFFFF)	Ratio: 8.24 Passed ⁶		Ratio: 3.96 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(6B8678)	Ratio: 2.08 Failed ⁵	Ratio: 3.96 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.87 AA 18pt ²
Hex(84A092)	Ratio: 2.91 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(9FBBAD)	Ratio: 4.00 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(BAD7C8)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(D6F3E4)	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(F2FFFF)	Ratio: 8.06 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 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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