

Converting Colors - WCAG Matrix

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

	Hex(003126)	Hex(D5FFFA)	Hex(2F6053)	Hex(48796B)	Hex(619384)	Hex(7BAD9E)	Hex(95C9B9)	Hex(B0E5D5)	Hex(CCF1F1)
Hex(003126)		Ratio: 13.30 Passed ⁶	Ratio: 1.99 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 10.23 Passed ⁶	Ratio: 13.04 Passed ⁶
Hex(D5FFFA)	Ratio: 13.30 Passed ⁶		Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.24 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(2F6053)	Ratio: 1.99 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴
Hex(48796B)	Ratio: 2.88 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(619384)	Ratio: 4.10 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(7BAD9E)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(95C9B9)	Ratio: 7.72 Passed ⁶	Ratio: 1.72 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(B0E5D5)	Ratio: 10.23 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(CCF1F1)	Ratio: 13.04 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 3.18 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.27 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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