

Converting Colors - WCAG Matrix

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

	Hex(2B5453)	Hex(FFFFFF)	Hex(5C8684)	Hex(76A09E)	Hex(90BBB9)	Hex(ABD7D5)	Hex(C6F3F1)	Hex(E3FFFF)
Hex(2B5453)		Ratio: 8.41 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 7.01 Passed ⁶	Ratio: 8.02 Passed ⁶
Hex(FFFFFF)	Ratio: 8.41 Passed ⁶		Ratio: 4.04 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(5C8684)	Ratio: 2.08 Failed ⁵	Ratio: 4.04 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.85 AA 18pt ²
Hex(76A09E)	Ratio: 2.92 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(90BBB9)	Ratio: 4.00 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(ABD7D5)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(C6F3F1)	Ratio: 7.01 Passed ⁶	Ratio: 1.20 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(E3FFFF)	Ratio: 8.02 Passed ⁶	Ratio: 1.05 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 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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