

Converting Colors - WCAG Matrix

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

	Hex(00853B)	Hex(FFFFFF)	Hex(50BB6D)	Hex(6DD786)	Hex(8AF4A1)	Hex(A7FFBC)	Hex(C4FFD8)	Hex(E1FFF5)
Hex(00853B)		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 4.49 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 2.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(50BB6D)	Ratio: 1.96 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(6DD786)	Ratio: 2.65 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(8AF4A1)	Ratio: 3.52 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(A7FFBC)	Ratio: 4.00 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(C4FFD8)	Ratio: 4.22 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(E1FFF5)	Ratio: 4.49 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 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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