

Converting Colors - WCAG Matrix

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

	Hex(003D26)	Hex(1F543D)	Hex(386E54)	Hex(4F876B)	Hex(6BA185)	Hex(85BD9E)	Hex(9ED9BA)	Hex(BAF5D6)	Hex(D6FFF2)	Hex(F2FFFF)
Hex(003D26)		Ratio: 1.41 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 10.10 Passed ⁶	Ratio: 11.47 Passed ⁶	Ratio: 12.11 Passed ⁶
Hex(1F543D)	Ratio: 1.41 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.15 Passed ⁶	Ratio: 8.12 Passed ⁶	Ratio: 8.57 Passed ⁶
Hex(386E54)	Ratio: 2.08 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(4F876B)	Ratio: 2.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 4.10 AA 18pt ²
Hex(6BA185)	Ratio: 4.17 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(85BD9E)	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(9ED9BA)	Ratio: 7.72 Passed ⁶	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(BAF5D6)	Ratio: 10.10 Passed ⁶	Ratio: 7.15 Passed ⁶	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(D6FFF2)	Ratio: 11.47 Passed ⁶	Ratio: 8.12 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(F2FFFF)	Ratio: 12.11 Passed ⁶	Ratio: 8.57 Passed ⁶	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 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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