

Converting Colors - WCAG Matrix

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

	Hex(273D27)	Hex(FFFFFF)	Hex(556D54)	Hex(6D866C)	Hex(87A086)	Hex(A1BBA0)	Hex(BCD7BB)	Hex(D8F3D7)	Hex(F5FFF3)
Hex(273D27)		Ratio: 11.78 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 9.94 Passed ⁶	Ratio: 11.49 Passed ⁶
Hex(FFFFFF)	Ratio: 11.78 Passed ⁶		Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(556D54)	Ratio: 2.08 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 5.53 AA ¹ AAA 18pt ⁴
Hex(6D866C)	Ratio: 2.96 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.88 AA 18pt ²
Hex(87A086)	Ratio: 4.15 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(A1BBA0)	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(BCD7BB)	Ratio: 7.61 Passed ⁶	Ratio: 1.55 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(D8F3D7)	Ratio: 9.94 Passed ⁶	Ratio: 1.19 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(F5FFF3)	Ratio: 11.49 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 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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