

Converting Colors - WCAG Matrix

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

	Hex(1D331D)	Hex(FFFFFF)	Hex(4A6248)	Hex(627B60)	Hex(7B9479)	Hex(95AF93)	Hex(B0CAAD)	Hex(CBE7C9)	Hex(E7FFE5)
Hex(1D331D)		Ratio: 13.60 Passed ⁶	Ratio: 2.03 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 7.71 Passed ⁶	Ratio: 10.24 Passed ⁶	Ratio: 12.85 Passed ⁶
Hex(FFFFFF)	Ratio: 13.60 Passed ⁶		Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(4A6248)	Ratio: 2.03 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 6.33 AA ¹ AAA 18pt ⁴
Hex(627B60)	Ratio: 2.93 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(7B9479)	Ratio: 4.12 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(95AF93)	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.38 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(B0CAAD)	Ratio: 7.71 Passed ⁶	Ratio: 1.77 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(CBE7C9)	Ratio: 10.24 Passed ⁶	Ratio: 1.33 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(E7FFE5)	Ratio: 12.85 Passed ⁶	Ratio: 1.06 Failed ⁵	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.25 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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