

Converting Colors - WCAG Matrix

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

Hex(A4B4A4) Hex(D1EBD1) Hex(A4B4AC) Hex(505950) Hex(009900) Hex(001A00)

	Hex(A4B4A4)	Hex(D1EBD1)	Hex(A4B4AC)	Hex(505950)	Hex(009900)	Hex(001A00)
Hex(A4B4A4)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 8.40 Passed ⁶
Hex(D1EBD1)	Ratio: 1.71 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.97 Failed ⁵	Ratio: 14.39 Passed ⁶
Hex(A4B4AC)	Ratio: 1.01 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 8.45 Passed ⁶
Hex(505950)	Ratio: 3.34 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²		Ratio: 1.93 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(009900)	Ratio: 1.74 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(001A00)	Ratio: 8.40 Passed ⁶	Ratio: 14.39 Passed ⁶	Ratio: 8.45 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	

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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