

Converting Colors - WCAG Matrix

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

Hex(7DE87D) Hex(73FF73) Hex(7DE8B3) Hex(677367) Hex(00B300) Hex(003300)

	Hex(7DE87D)	Hex(73FF73)	Hex(7DE8B3)	Hex(677367)	Hex(00B300)	Hex(003300)
Hex(7DE87D)		Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 9.30 Passed ⁶
Hex(73FF73)	Ratio: 1.19 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 11.05 Passed ⁶
Hex(7DE8B3)	Ratio: 1.03 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 9.55 Passed ⁶
Hex(677367)	Ratio: 3.25 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 3.33 AA 18pt ²		Ratio: 1.76 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00B300)	Ratio: 1.84 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(003300)	Ratio: 9.30 Passed ⁶	Ratio: 11.05 Passed ⁶	Ratio: 9.55 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 5.05 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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