

Converting Colors - WCAG Matrix

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

Hex(AFCE77) Hex(D1FF7D) Hex(84CE77) Hex(62665C) Hex(6BA600) Hex(192600)

	Hex(AFCE77)	Hex(D1FF7D)	Hex(84CE77)	Hex(62665C)	Hex(6BA600)	Hex(192600)
Hex(AFCE77)		Ratio: 1.54 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 9.04 Passed ⁶
Hex(D1FF7D)	Ratio: 1.54 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 2.59 Failed ⁵	Ratio: 13.89 Passed ⁶
Hex(84CE77)	Ratio: 1.08 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 3.10 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 8.40 Passed ⁶
Hex(62665C)	Ratio: 3.33 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.10 AA 18pt ²		Ratio: 1.98 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(6BA600)	Ratio: 1.68 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(192600)	Ratio: 9.04 Passed ⁶	Ratio: 13.89 Passed ⁶	Ratio: 8.40 Passed ⁶	Ratio: 2.71 Failed ⁵	Ratio: 5.37 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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