

Converting Colors - WCAG Matrix

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

Hex(1ADF17) Hex(BBFFBA) Hex(DFDB17) Hex(578057) Hex(FFFFFF) Hex(808080)

	Hex(1ADF17)	Hex(BBFFBA)	Hex(DFDB17)	Hex(578057)	Hex(FFFFFF)	Hex(808080)
Hex(1ADF17)		Ratio: 1.56 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(BBFFBA)	Ratio: 1.56 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(DFDB17)	Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(578057)	Ratio: 2.51 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.08 AA 18pt ²		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(FFFFFF)	Ratio: 1.81 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.18 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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