

Converting Colors - WCAG Matrix

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

	Hex(288F3F)	Hex(FFFFFF)	Hex(64C671)	Hex(80E28B)	Hex(9DFFA6)	Hex(B9FFC1)	Hex(D6FFDD)	Hex(F4FFFA)
Hex(288F3F)		Ratio: 4.12 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 3.77 AA 18pt ²	Ratio: 4.03 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.12 AA 18pt ²		Ratio: 2.13 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(64C671)	Ratio: 1.94 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(80E28B)	Ratio: 2.59 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(9DFFA6)	Ratio: 3.40 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(B9FFC1)	Ratio: 3.56 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(D6FFDD)	Ratio: 3.77 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(F4FFFA)	Ratio: 4.03 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 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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