

Converting Colors - WCAG Matrix

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

Hex(66F285) Hex(D4FFDD) Hex(D4F266) Hex(66806C) Hex(FFFFFF) Hex(808080)

	Hex(66F285)	Hex(D4FFDD)	Hex(D4F266)	Hex(66806C)	Hex(FFFFFF)	Hex(808080)
Hex(66F285)		Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(D4FFDD)	Ratio: 1.31 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(D4F266)	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.43 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(66806C)	Ratio: 3.00 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.43 AA 18pt ²		Ratio: 4.31 AA 18pt ²	Ratio: 1.09 Failed ⁵
Hex(FFFFFF)	Ratio: 1.44 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.31 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.75 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 1.09 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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