

Converting Colors - WCAG Matrix

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

Hex(D7F368) Hex(F6FFD4) Hex(F38168) Hex(7A8066) Hex(000000) Hex(808080)

	Hex(D7F368)	Hex(F6FFD4)	Hex(F38168)	Hex(7A8066)	Hex(000000)	Hex(808080)
Hex(D7F368)		Ratio: 1.19 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 16.91 Passed ⁶	Ratio: 3.18 AA 18pt ²
Hex(F6FFD4)	Ratio: 1.19 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.17 Passed ⁶	Ratio: 3.79 AA 18pt ²
Hex(F38168)	Ratio: 2.07 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 8.15 Passed ⁶	Ratio: 1.53 Failed ⁵
Hex(7A8066)	Ratio: 3.31 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 1.60 Failed ⁵		Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 16.91 Passed ⁶	Ratio: 20.17 Passed ⁶	Ratio: 8.15 Passed ⁶	Ratio: 5.11 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.18 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.32 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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