

Converting Colors - WCAG Matrix

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

Hex(167D55) Hex(7AA393) Hex(3F7D16) Hex(395248) Hex(D1D1D1) Hex(525252)

	Hex(167D55)	Hex(7AA393)	Hex(3F7D16)	Hex(395248)	Hex(D1D1D1)	Hex(525252)
Hex(167D55)		Ratio: 1.83 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(7AA393)	Ratio: 1.83 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(3F7D16)	Ratio: 1.01 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.55 Failed ⁵
Hex(395248)	Ratio: 1.66 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(D1D1D1)	Ratio: 3.36 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 5.56 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.53 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.12 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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