

Converting Colors - WCAG Matrix

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

Hex(D46767) Hex(FF6161) Hex(D49E67) Hex(6B6060) Hex(AB0000) Hex(2B0000)

	Hex(D46767)	Hex(FF6161)	Hex(D49E67)	Hex(6B6060)	Hex(AB0000)	Hex(2B0000)
Hex(D46767)		Ratio: 1.20 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴
Hex(FF6161)	Ratio: 1.20 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴
Hex(D49E67)	Ratio: 1.50 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 8.06 Passed ⁶
Hex(6B6060)	Ratio: 1.71 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.56 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB0000)	Ratio: 2.17 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(2B0000)	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 8.06 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 2.48 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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