

Converting Colors - WCAG Matrix

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

Hex(D44667) Hex(FF3362) Hex(46AED4) Hex(6B6063) Hex(AB0028) Hex(2B000A)

	Hex(D44667)	Hex(FF3362)	Hex(46AED4)	Hex(6B6063)	Hex(AB0028)	Hex(2B000A)
Hex(D44667)		Ratio: 1.21 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.40 AA 18pt ²
Hex(FF3362)	Ratio: 1.21 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴
Hex(46AED4)	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 7.47 Passed ⁶
Hex(6B6063)	Ratio: 1.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB0028)	Ratio: 1.76 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(2B000A)	Ratio: 4.40 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 7.47 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 2.49 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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