

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D21837) Hex(FF002A) Hex(1894D2) Hex(695E60) Hex(A8001C) Hex(290007)

Hex(D21837)		Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(FF002A)	Ratio: 1.35 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(1894D2)	Ratio: 1.58 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 5.65 AA ¹ AAA 18pt ⁴
Hex(695E60)	Ratio: 1.16 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A8001C)	Ratio: 1.46 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290007)	Ratio: 3.58 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 2.44 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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