

Converting Colors - WCAG Matrix

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

Hex(DF003E) Hex(FF0047) Hex(00AFDF) Hex(706568) Hex(B00031) Hex(30000D)

	Hex(DF003E)	Hex(FF0047)	Hex(00AFDF)	Hex(706568)	Hex(B00031)	Hex(30000D)
Hex(DF003E)		Ratio: 1.27 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(FF0047)	Ratio: 1.27 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(00AFDF)	Ratio: 1.95 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 7.25 Passed ⁶
Hex(706568)	Ratio: 1.12 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(B00031)	Ratio: 1.46 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(30000D)	Ratio: 3.72 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 7.25 Passed ⁶	Ratio: 3.31 AA 18pt ²	Ratio: 2.55 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.

This PDF was generated on convertingcolors.com.