

Converting Colors - WCAG Matrix

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

Hex(A00039) Hex(D1004A) Hex(008BA0) Hex(4F474A) Hex(8F0033) Hex(0F0005)

	Hex(A00039)	Hex(D1004A)	Hex(008BA0)	Hex(4F474A)	Hex(8F0033)	Hex(0F0005)
Hex(A00039)		Ratio: 1.49 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(D1004A)	Ratio: 1.49 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(008BA0)	Ratio: 2.04 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(4F474A)	Ratio: 1.09 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0033)	Ratio: 1.15 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(0F0005)	Ratio: 2.50 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.17 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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