

Converting Colors - WCAG Matrix

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

Hex(A20031) Hex(84001C) Hex(660003) Hex(490001) Hex(2C0001) Hex(000000)

	Hex(A20031)	Hex(84001C)	Hex(660003)	Hex(490001)	Hex(2C0001)	Hex(000000)
Hex(A20031)		Ratio: 1.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(84001C)	Ratio: 1.29 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(660003)	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(490001)	Ratio: 2.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(2C0001)	Ratio: 2.33 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 2.58 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.11 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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