

Converting Colors - WCAG Matrix

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

Hex(780B2A) Hex(9C002B) Hex(0B6178) Hex(3D3739) Hex(7D0023) Hex(FC0046)

	Hex(780B2A)	Hex(9C002B)	Hex(0B6178)	Hex(3D3739)	Hex(7D0023)	Hex(FC0046)
Hex(780B2A)		Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(9C002B)	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(0B6178)	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(3D3739)	Ratio: 1.04 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(7D0023)	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(FC0046)	Ratio: 2.78 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.76 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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