

Converting Colors - WCAG Matrix

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

Hex(78334B) Hex(9C3056) Hex(336E78) Hex(3D3739) Hex(7D002B) Hex(FC0058)

	Hex(78334B)	Hex(9C3056)	Hex(336E78)	Hex(3D3739)	Hex(7D002B)	Hex(FC0058)
Hex(78334B)		Ratio: 1.25 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(9C3056)	Ratio: 1.25 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(336E78)	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(3D3739)	Ratio: 1.32 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(7D002B)	Ratio: 1.24 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(FC0058)	Ratio: 2.22 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.77 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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