

Converting Colors - WCAG Matrix

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

Hex(8F3D52) Hex(74243B) Hex(590726) Hex(3F0011) Hex(270001) Hex(000000)

	Hex(8F3D52)	Hex(74243B)	Hex(590726)	Hex(3F0011)	Hex(270001)	Hex(000000)
Hex(8F3D52)		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(74243B)	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(590726)	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(3F0011)	Ratio: 2.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(270001)	Ratio: 2.72 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 2.96 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 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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