

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(80002F) Hex(A6003D) Hex(800F00) Hex(40393C) Hex(7F002F) Hex(FFFFFF)

	Hex(80002F)	Hex(A6003D)	Hex(800F00)	Hex(40393C)	Hex(7F002F)	Hex(FFFFFF)
Hex(80002F)		Ratio: 1.37 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 10.72 Passed ⁶
Hex(A6003D)	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 7.81 Passed ⁶
Hex(800F00)	Ratio: 1.01 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 10.57 Passed ⁶
Hex(40393C)	Ratio: 1.05 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 11.24 Passed ⁶
Hex(7F002F)	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 10.81 Passed ⁶
Hex(FFFFFF)	Ratio: 10.72 Passed ⁶	Ratio: 7.81 Passed ⁶	Ratio: 10.57 Passed ⁶	Ratio: 11.24 Passed ⁶	Ratio: 10.81 Passed ⁶	

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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