

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(003A78) Hex(6D839C) Hex(00783E) Hex(33404F) Hex(CFCFCF) Hex(4F4F4F)

	Hex(003A78)	Hex(6D839C)	Hex(00783E)	Hex(33404F)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(003A78)		Ratio: 2.87 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 7.18 Passed ⁶	Ratio: 1.37 Failed ⁵
Hex(6D839C)	Ratio: 2.87 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(00783E)	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(33404F)	Ratio: 1.06 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(CFCFCF)	Ratio: 7.18 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 6.78 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.37 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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