

Converting Colors - WCAG Matrix

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

Hex(80787E) Hex(A698A2) Hex(78807E) Hex(40393E) Hex(800060) Hex(000000)

	Hex(80787E)	Hex(A698A2)	Hex(78807E)	Hex(40393E)	Hex(800060)	Hex(000000)
Hex(80787E)		Ratio: 1.56 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(A698A2)	Ratio: 1.56 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 7.63 Passed ⁶
Hex(78807E)	Ratio: 1.06 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.77 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(40393E)	Ratio: 2.62 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 2.77 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(800060)	Ratio: 2.35 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(000000)	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 7.63 Passed ⁶	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.87 Failed ⁵	Ratio: 2.09 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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