

Converting Colors - WCAG Matrix

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

Hex(80737F) Hex(A692A4) Hex(807379) Hex(40393F) Hex(800077) Hex(000000)

	Hex(80737F)	Hex(A692A4)	Hex(807379)	Hex(40393F)	Hex(800077)	Hex(000000)
Hex(80737F)		Ratio: 1.55 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(A692A4)	Ratio: 1.55 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 7.27 Passed ⁶
Hex(807379)	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(40393F)	Ratio: 2.49 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(800077)	Ratio: 2.14 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.18 Failed ⁵
Hex(000000)	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 7.27 Passed ⁶	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵	Ratio: 2.18 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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