

Converting Colors - WCAG Matrix

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

Hex(7F6263) Hex(A6797B) Hex(627F6F) Hex(40393A) Hex(800004) Hex(000000)

	Hex(7F6263)	Hex(A6797B)	Hex(627F6F)	Hex(40393A)	Hex(800004)	Hex(000000)
Hex(7F6263)		Ratio: 1.47 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(A6797B)	Ratio: 1.47 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(627F6F)	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(40393A)	Ratio: 2.05 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(800004)	Ratio: 1.99 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(000000)	Ratio: 3.83 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.86 Failed ⁵	Ratio: 1.92 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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