

Converting Colors - WCAG Matrix

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

Hex(696D84) Hex(8086AB) Hex(726984) Hex(3C3D42) Hex(001382) Hex(000003)

	Hex(696D84)	Hex(8086AB)	Hex(726984)	Hex(3C3D42)	Hex(001382)	Hex(000003)
Hex(696D84)		Ratio: 1.44 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(8086AB)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(726984)	Ratio: 1.01 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(3C3D42)	Ratio: 2.13 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.10 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(001382)	Ratio: 2.91 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(000003)	Ratio: 4.12 AA 18pt ²	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 1.41 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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