

Converting Colors - WCAG Matrix

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

	Hex(93A4A0)	Hex(798A86)	Hex(60706D)	Hex(485854)	Hex(32413D)	Hex(1C2B27)	Hex(041613)	Hex(000000)
Hex(93A4A0)		Ratio: 1.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 7.14 Passed ⁶	Ratio: 8.06 Passed ⁶
Hex(798A86)	Ratio: 1.39 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 5.79 AA ¹ AAA 18pt ⁴
Hex(60706D)	Ratio: 2.00 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.04 AA 18pt ²
Hex(485854)	Ratio: 2.88 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(32413D)	Ratio: 4.11 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(1C2B27)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(041613)	Ratio: 7.14 Passed ⁶	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 8.06 Passed ⁶	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.13 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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