

Converting Colors - WCAG Matrix

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

	Hex(9885A6)	Hex(7E6C8C)	Hex(655372)	Hex(4D3C59)	Hex(362642)	Hex(20122C)	Hex(020017)	Hex(000000)
Hex(9885A6)		Ratio: 1.41 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴
Hex(7E6C8C)	Ratio: 1.41 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.35 AA 18pt ²	Ratio: 4.41 AA 18pt ²
Hex(655372)	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(4D3C59)	Ratio: 2.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(362642)	Ratio: 4.13 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(20122C)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(020017)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 4.35 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 4.41 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.01 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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