

Converting Colors - WCAG Matrix

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

Hex(847784) Hex(6B5E6B) Hex(534753) Hex(3B303C) Hex(261B26) Hex(120111) Hex(000000)

	Hex(847784)	Hex(6B5E6B)	Hex(534753)	Hex(3B303C)	Hex(261B26)	Hex(120111)	Hex(000000)
Hex(847784)		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(6B5E6B)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.44 AA 18pt ²
Hex(534753)	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(3B303C)	Ratio: 2.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(261B26)	Ratio: 3.91 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(120111)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 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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