

Converting Colors - WCAG Matrix

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

Hex(8D666C) Hex(B87B84) Hex(668D73) Hex(474041) Hex(870015) Hex(080001)

	Hex(8D666C)	Hex(B87B84)	Hex(668D73)	Hex(474041)	Hex(870015)	Hex(080001)
Hex(8D666C)		Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 4.20 AA 18pt ²
Hex(B87B84)	Ratio: 1.46 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 6.14 AA ¹ AAA 18pt ⁴
Hex(668D73)	Ratio: 1.32 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴
Hex(474041)	Ratio: 2.05 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.71 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870015)	Ratio: 2.08 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(080001)	Ratio: 4.20 AA 18pt ²	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.02 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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