

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(81525B) Hex(A85E6C) Hex(816052) Hex(40393B) Hex(800018) Hex(000000)

	Hex(81525B)	Hex(A85E6C)	Hex(816052)	Hex(40393B)	Hex(800018)	Hex(000000)
Hex(81525B)		Ratio: 1.36 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(A85E6C)	Ratio: 1.36 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(816052)	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(40393B)	Ratio: 1.76 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(800018)	Ratio: 1.70 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(000000)	Ratio: 3.29 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.93 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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