

Converting Colors - WCAG Matrix

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

Hex(805B80) Hex(A66CA6) Hex(806E5B) Hex(403940) Hex(80007F) Hex(000000)

	Hex(805B80)	Hex(A66CA6)	Hex(806E5B)	Hex(403940)	Hex(80007F)	Hex(000000)
Hex(805B80)		Ratio: 1.43 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(A66CA6)	Ratio: 1.43 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(806E5B)	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 4.30 AA 18pt ²
Hex(403940)	Ratio: 1.98 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(80007F)	Ratio: 1.68 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(000000)	Ratio: 3.73 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.22 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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