

Converting Colors - WCAG Matrix

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

	Hex(846A84)	Hex(6B526B)	Hex(523B53)	Hex(3B253B)	Hex(251026)	Hex(0A0011)	Hex(000000)
Hex(846A84)		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 4.38 AA 18pt ²
Hex(6B526B)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(523B53)	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(3B253B)	Ratio: 2.89 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(251026)	Ratio: 3.71 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(0A0011)	Ratio: 4.29 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 4.38 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 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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