

Converting Colors - WCAG Matrix

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

Hex(7D498D) Hex(9F4DB8) Hex(8D497C) Hex(464047) Hex(680087) Hex(060008)

	Hex(7D498D)	Hex(9F4DB8)	Hex(8D497C)	Hex(464047)	Hex(680087)	Hex(060008)
Hex(7D498D)		Ratio: 1.32 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(9F4DB8)	Ratio: 1.32 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(8D497C)	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(464047)	Ratio: 1.54 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(680087)	Ratio: 1.66 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(060008)	Ratio: 3.17 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.92 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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