

Converting Colors - WCAG Matrix

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

Hex(58527D) Hex(6A60A3) Hex(6D527D) Hex(3A3940) Hex(120080) Hex(000000)

	Hex(58527D)	Hex(6A60A3)	Hex(6D527D)	Hex(3A3940)	Hex(120080)	Hex(000000)
Hex(58527D)		Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(6A60A3)	Ratio: 1.31 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(6D527D)	Ratio: 1.08 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(3A3940)	Ratio: 1.59 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(120080)	Ratio: 2.18 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵
Hex(000000)	Ratio: 2.92 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.34 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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