

Converting Colors - WCAG Matrix

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

Hex(A3008B) Hex(D400B4) Hex(A36700) Hex(524950) Hex(91007C) Hex(12000F)

	Hex(A3008B)	Hex(D400B4)	Hex(A36700)	Hex(524950)	Hex(91007C)	Hex(12000F)
Hex(A3008B)		Ratio: 1.52 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(D400B4)	Ratio: 1.52 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(A36700)	Ratio: 1.53 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(524950)	Ratio: 1.21 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(91007C)	Ratio: 1.17 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(12000F)	Ratio: 2.84 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 4.36 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 2.42 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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