

Converting Colors - WCAG Matrix

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

Hex(B900B9) Hex(F000F0) Hex(5DB900) Hex(5C535C) Hex(9C009C) Hex(1C001C)

	Hex(B900B9)	Hex(F000F0)	Hex(5DB900)	Hex(5C535C)	Hex(9C009C)	Hex(1C001C)
Hex(B900B9)		Ratio: 1.58 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(F000F0)	Ratio: 1.58 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴
Hex(5DB900)	Ratio: 2.23 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 7.88 Passed ⁶
Hex(5C535C)	Ratio: 1.32 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.95 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9C009C)	Ratio: 1.30 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(1C001C)	Ratio: 3.53 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 7.88 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 2.71 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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