

Converting Colors - WCAG Matrix

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

Hex(D00077) Hex(FF0092) Hex(D0BF00) Hex(695E64) Hex(A80060) Hex(290017)

	Hex(D00077)	Hex(FF0092)	Hex(D0BF00)	Hex(695E64)	Hex(A80060)	Hex(290017)
Hex(D00077)		Ratio: 1.44 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(FF0092)	Ratio: 1.44 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(D0BF00)	Ratio: 2.82 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 10.06 Passed ⁶
Hex(695E64)	Ratio: 1.17 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.29 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(A80060)	Ratio: 1.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(290017)	Ratio: 3.57 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 10.06 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 2.56 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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