

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D20378) Hex(FF0090) Hex(11D203) Hex(695E64) Hex(A8005F) Hex(290017)

Hex(D20378)		Ratio: 1.41 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(FF0090)	Ratio: 1.41 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(11D203)	Ratio: 2.55 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 9.26 Passed ⁶
Hex(695E64)	Ratio: 1.19 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.03 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(A8005F)	Ratio: 1.42 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(290017)	Ratio: 3.64 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 9.26 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.