

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D9000D) Hex(FF0010) Hex(D95E00) Hex(6E6363) Hex(AD000B) Hex(2E0003)

Hex(D9000D)		Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(FF0010)	Ratio: 1.33 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(D95E00)	Ratio: 1.40 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(6E6363)	Ratio: 1.09 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(AD000B)	Ratio: 1.42 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(2E0003)	Ratio: 3.54 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 2.49 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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