

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(DB004B) Hex(FF0057) Hex(BADB00) Hex(6E6366) Hex(AD003B) Hex(2E0010)

Hex(DB004B)		Ratio: 1.31 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(FF0057)	Ratio: 1.31 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(BADB00)	Ratio: 3.21 AA 18pt ²	Ratio: 2.45 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 11.77 Passed ⁶
Hex(6E6366)	Ratio: 1.13 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 3.63 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(AD003B)	Ratio: 1.45 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(2E0010)	Ratio: 3.66 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 11.77 Passed ⁶	Ratio: 3.24 AA 18pt ²	Ratio: 2.53 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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