

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(DB1371) Hex(FF0078) Hex(D8DB13) Hex(6E6368) Hex(AD0051) Hex(2E0016)

Hex(DB1371)		Ratio: 1.27 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.85 AA 18pt ²
Hex(FF0078)	Ratio: 1.27 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(D8DB13)	Ratio: 3.24 AA 18pt ²	Ratio: 2.55 Failed ⁵		Ratio: 3.86 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 12.47 Passed ⁶
Hex(6E6368)	Ratio: 1.19 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.86 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(AD0051)	Ratio: 1.50 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(2E0016)	Ratio: 3.85 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 12.47 Passed ⁶	Ratio: 3.23 AA 18pt ²	Ratio: 2.57 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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