

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A52763) Hex(D6116F) Hex(A3A527) Hex(52494D) Hex(910045) Hex(120008)

Hex(A52763)		Ratio: 1.36 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(D6116F)	Ratio: 1.36 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(A3A527)	Ratio: 2.60 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 7.74 Passed ⁶
Hex(52494D)	Ratio: 1.27 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.29 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910045)	Ratio: 1.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(120008)	Ratio: 2.98 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 7.74 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 2.22 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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