

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(A15867) Hex(D16077) Hex(A16E58) Hex(52494B) Hex(91001D) Hex(120004)

	Hex(A15867)	Hex(D16077)	Hex(A16E58)	Hex(52494B)	Hex(91001D)	Hex(120004)
Hex(A15867)		Ratio: 1.38 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(D16077)	Ratio: 1.38 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(A16E58)	Ratio: 1.19 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(52494B)	Ratio: 1.70 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(91001D)	Ratio: 1.85 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(120004)	Ratio: 4.00 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 2.16 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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