

Converting Colors - WCAG Matrix

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

Hex(A65367) Hex(D95776) Hex(A66853) Hex(544C4E) Hex(940023) Hex(140005)

	Hex(A65367)	Hex(D95776)	Hex(A66853)	Hex(544C4E)	Hex(940023)	Hex(140005)
Hex(A65367)		Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.93 AA 18pt ²
Hex(D95776)	Ratio: 1.38 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴
Hex(A66853)	Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(544C4E)	Ratio: 1.61 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940023)	Ratio: 1.78 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(140005)	Ratio: 3.93 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.21 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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