

Converting Colors - WCAG Matrix

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

Hex(A66268) Hex(D96F78) Hex(62A67D) Hex(544C4C) Hex(94000D) Hex(140002)

	Hex(A66268)	Hex(D96F78)	Hex(62A67D)	Hex(544C4C)	Hex(94000D)	Hex(140002)
Hex(A66268)		Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.43 AA 18pt ²
Hex(D96F78)	Ratio: 1.42 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(62A67D)	Ratio: 1.59 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.89 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 7.05 Passed ⁶
Hex(544C4C)	Ratio: 1.82 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.89 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(94000D)	Ratio: 2.02 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.20 Failed ⁵
Hex(140002)	Ratio: 4.43 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 7.05 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 2.20 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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