

Converting Colors - WCAG Matrix

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

Hex(A80345) Hex(DB0058) Hex(A81103) Hex(544C4F) Hex(94003B) Hex(140008)

	Hex(A80345)	Hex(DB0058)	Hex(A81103)	Hex(544C4F)	Hex(94003B)	Hex(140008)
Hex(A80345)		Ratio: 1.50 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(DB0058)	Ratio: 1.50 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 4.02 AA 18pt ²
Hex(A81103)	Ratio: 1.01 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(544C4F)	Ratio: 1.10 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(94003B)	Ratio: 1.19 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(140008)	Ratio: 2.68 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.25 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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