

Converting Colors - WCAG Matrix

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

Hex(AA4114) Hex(DB4300) Hex(AA8C14) Hex(544E4C) Hex(942D00) Hex(140600)

	Hex(AA4114)	Hex(DB4300)	Hex(AA8C14)	Hex(544E4C)	Hex(942D00)	Hex(140600)
Hex(AA4114)		Ratio: 1.39 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(DB4300)	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(AA8C14)	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(544E4C)	Ratio: 1.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(942D00)	Ratio: 1.32 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(140600)	Ratio: 3.29 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.50 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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