

Converting Colors - WCAG Matrix

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

Hex(A69104) Hex(D9BD00) Hex(6BA604) Hex(54534C) Hex(948100) Hex(141200)

	Hex(A69104)	Hex(D9BD00)	Hex(6BA604)	Hex(54534C)	Hex(948100)	Hex(141200)
Hex(A69104)		Ratio: 1.68 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴
Hex(D9BD00)	Ratio: 1.68 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 10.06 Passed ⁶
Hex(6BA604)	Ratio: 1.06 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 6.34 AA ¹ AAA 18pt ⁴
Hex(54534C)	Ratio: 2.45 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.60 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(948100)	Ratio: 1.24 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(141200)	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 10.06 Passed ⁶	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	

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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