

Converting Colors - WCAG Matrix

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

Hex(A1A042) Hex(D1D03D) Hex(73A142) Hex(525249) Hex(919000) Hex(121200)

	Hex(A1A042)	Hex(D1D03D)	Hex(73A142)	Hex(525249)	Hex(919000)	Hex(121200)
Hex(A1A042)		Ratio: 1.68 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(D1D03D)	Ratio: 1.68 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 11.51 Passed ⁶
Hex(73A142)	Ratio: 1.10 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(525249)	Ratio: 2.86 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.59 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(919000)	Ratio: 1.23 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.33 Failed ⁵		Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(121200)	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 11.51 Passed ⁶	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 5.57 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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