

Converting Colors - WCAG Matrix

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

Hex(A6AE0D) Hex(D8E300) Hex(58AE0D) Hex(56574E) Hex(8F9600) Hex(161700)

	Hex(A6AE0D)	Hex(D8E300)	Hex(58AE0D)	Hex(56574E)	Hex(8F9600)	Hex(161700)
Hex(A6AE0D)		Ratio: 1.72 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 7.51 Passed ⁶
Hex(D8E300)	Ratio: 1.72 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 12.89 Passed ⁶
Hex(58AE0D)	Ratio: 1.16 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 6.46 AA ¹ AAA 18pt ⁴
Hex(56574E)	Ratio: 3.03 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 2.61 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(8F9600)	Ratio: 1.33 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 5.65 AA ¹ AAA 18pt ⁴
Hex(161700)	Ratio: 7.51 Passed ⁶	Ratio: 12.89 Passed ⁶	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 2.48 Failed ⁵	Ratio: 5.65 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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