

Converting Colors - WCAG Matrix

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

Hex(92AE42) Hex(B7E339) Hex(5DAE42) Hex(54574E) Hex(6F9600) Hex(111700)

	Hex(92AE42)	Hex(B7E339)	Hex(5DAE42)	Hex(54574E)	Hex(6F9600)	Hex(111700)
Hex(92AE42)		Ratio: 1.68 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 7.29 Passed ⁶
Hex(B7E339)	Ratio: 1.68 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 2.33 Failed ⁵	Ratio: 12.26 Passed ⁶
Hex(5DAE42)	Ratio: 1.10 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 2.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(54574E)	Ratio: 2.93 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 2.67 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(6F9600)	Ratio: 1.38 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(111700)	Ratio: 7.29 Passed ⁶	Ratio: 12.26 Passed ⁶	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵	Ratio: 5.27 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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