

Converting Colors - WCAG Matrix

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

Hex(779D5B) Hex(91CC66) Hex(5B9D5F) Hex(4A4F47) Hex(3D8F00) Hex(060F00)

	Hex(779D5B)	Hex(91CC66)	Hex(5B9D5F)	Hex(4A4F47)	Hex(3D8F00)	Hex(060F00)
Hex(779D5B)		Ratio: 1.63 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 6.28 AA ¹ AAA 18pt ⁴
Hex(91CC66)	Ratio: 1.63 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 10.25 Passed ⁶
Hex(5B9D5F)	Ratio: 1.05 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴
Hex(4A4F47)	Ratio: 2.70 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(3D8F00)	Ratio: 1.32 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 4.77 AA ¹ AAA 18pt ⁴
Hex(060F00)	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 10.25 Passed ⁶	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 4.77 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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