

Converting Colors - WCAG Matrix

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

Hex(595B51) Hex(727566) Hex(545B51) Hex(2D2E29) Hex(586E00) Hex(BEED00)

	Hex(595B51)	Hex(727566)	Hex(545B51)	Hex(2D2E29)	Hex(586E00)	Hex(BEED00)
Hex(595B51)		Ratio: 1.46 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(727566)	Ratio: 1.46 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(545B51)	Ratio: 1.02 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(2D2E29)	Ratio: 1.98 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 9.97 Passed ⁶
Hex(586E00)	Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 4.20 AA 18pt ²
Hex(BEED00)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.44 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 9.97 Passed ⁶	Ratio: 4.20 AA 18pt ²	

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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