

Converting Colors - WCAG Matrix

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

Hex(2E1B1A) Hex(3B3333) Hex(2E1A2D) Hex(1F1A1A) Hex(9E9E9E) Hex(1F1F1F)

	Hex(2E1B1A)	Hex(3B3333)	Hex(2E1A2D)	Hex(1F1A1A)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(2E1B1A)		Ratio: 1.33 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 6.09 AA¹ AAA 18pt⁴	Ratio: 1.01 Failed⁵
Hex(3B3333)	Ratio: 1.33 Failed⁵		Ratio: 1.31 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 4.59 AA¹ AAA 18pt⁴	Ratio: 1.34 Failed⁵
Hex(2E1A2D)	Ratio: 1.01 Failed⁵	Ratio: 1.31 Failed⁵		Ratio: 1.07 Failed⁵	Ratio: 6.02 AA¹ AAA 18pt⁴	Ratio: 1.02 Failed⁵
Hex(1F1A1A)	Ratio: 1.05 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.07 Failed⁵		Ratio: 6.42 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(9E9E9E)	Ratio: 6.09 AA¹ AAA 18pt⁴	Ratio: 4.59 AA¹ AAA 18pt⁴	Ratio: 6.02 AA¹ AAA 18pt⁴	Ratio: 6.42 AA¹ AAA 18pt⁴		Ratio: 6.15 AA¹ AAA 18pt⁴
Hex(1F1F1F)	Ratio: 1.01 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 6.15 AA¹ AAA 18pt⁴	

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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