

Converting Colors - WCAG Matrix

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

Hex(2D2E07) Hex(3A3B2C) Hex(2E0807) Hex(1E1F15) Hex(9E9E9E) Hex(1F1F1F)

	Hex(2D2E07)	Hex(3A3B2C)	Hex(2E0807)	Hex(1E1F15)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(2D2E07)		Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(3A3B2C)	Ratio: 1.22 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(2E0807)	Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(1E1F15)	Ratio: 1.19 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(9E9E9E)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 4.26 AA 18pt ²	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 6.21 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.18 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.15 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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