

Converting Colors - WCAG Matrix

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

Hex(1D2B0D) Hex(33382C) Hex(2B1B0D) Hex(191C15) Hex(9C9C9C) Hex(1C1C1C)

	Hex(1D2B0D)	Hex(33382C)	Hex(2B1B0D)	Hex(191C15)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(1D2B0D)		Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(33382C)	Ratio: 1.24 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(2B1B0D)	Ratio: 1.11 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(191C15)	Ratio: 1.15 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(9C9C9C)	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 6.28 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.14 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.21 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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