

Converting Colors - WCAG Matrix

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

Hex(273000) Hex(3C402D) Hex(300900) Hex(1F2115) Hex(A1A1A1) Hex(212121)

	Hex(273000)	Hex(3C402D)	Hex(300900)	Hex(1F2115)	Hex(A1A1A1)	Hex(212121)
Hex(273000)		Ratio: 1.30 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(3C402D)	Ratio: 1.30 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(300900)	Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(1F2115)	Ratio: 1.17 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A1A1A1)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴		Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(212121)	Ratio: 1.16 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.23 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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