

Converting Colors - WCAG Matrix

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

Hex(24000B) Hex(2E2024) Hex(190024) Hex(170F11) Hex(969696) Hex(171717)

	Hex(24000B)	Hex(2E2024)	Hex(190024)	Hex(170F11)	Hex(969696)	Hex(171717)
Hex(24000B)		Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(2E2024)	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(190024)	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(170F11)	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(969696)	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 6.38 AA ¹ AAA 18pt ⁴		Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(171717)	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.06 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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