

Converting Colors - WCAG Matrix

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

Hex(1E0024) Hex(2C202E) Hex(000524) Hex(160F17) Hex(969696) Hex(171717)

	Hex(1E0024)	Hex(2C202E)	Hex(000524)	Hex(160F17)	Hex(969696)	Hex(171717)
Hex(1E0024)		Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(2C202E)	Ratio: 1.25 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000524)	Ratio: 1.03 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(160F17)	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(969696)	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴		Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(171717)	Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 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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