

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(210D0E) Hex(2B2424) Hex(210D21) Hex(171212) Hex(969696) Hex(171717)

Hex(210D0E)		Ratio: 1.22 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.00 Failed⁵	Ratio: 6.29 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(2B2424)	Ratio: 1.22 Failed⁵		Ratio: 1.21 Failed⁵	Ratio: 1.22 Failed⁵	Ratio: 5.14 AA¹ AAA 18pt⁴	Ratio: 1.18 Failed⁵
Hex(210D21)	Ratio: 1.01 Failed⁵	Ratio: 1.21 Failed⁵		Ratio: 1.01 Failed⁵	Ratio: 6.21 AA¹ AAA 18pt⁴	Ratio: 1.02 Failed⁵
Hex(171212)	Ratio: 1.00 Failed⁵	Ratio: 1.22 Failed⁵	Ratio: 1.01 Failed⁵		Ratio: 6.27 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(969696)	Ratio: 6.29 AA¹ AAA 18pt⁴	Ratio: 5.14 AA¹ AAA 18pt⁴	Ratio: 6.21 AA¹ AAA 18pt⁴	Ratio: 6.27 AA¹ AAA 18pt⁴		Ratio: 6.06 AA¹ AAA 18pt⁴
Hex(171717)	Ratio: 1.04 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 6.06 AA¹ AAA 18pt⁴	

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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