

Converting Colors - WCAG Matrix

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

Hex(A32E30) Hex(D41E21) Hex(A3662E) Hex(52494A) Hex(910002) Hex(120000)

	Hex(A32E30)	Hex(D41E21)	Hex(A3662E)	Hex(52494A)	Hex(910002)	Hex(120000)
Hex(A32E30)		Ratio: 1.34 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(D41E21)	Ratio: 1.34 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(A3662E)	Ratio: 1.50 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(52494A)	Ratio: 1.24 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910002)	Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.15 Failed ⁵
Hex(120000)	Ratio: 2.92 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 2.15 Failed ⁵	

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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