

Converting Colors - WCAG Matrix

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

Hex(A30D18) Hex(D40010) Hex(0D65A3) Hex(52494A) Hex(91000B) Hex(120001)

	Hex(A30D18)	Hex(D40010)	Hex(0D65A3)	Hex(52494A)	Hex(91000B)	Hex(120001)
Hex(A30D18)		Ratio: 1.45 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(D40010)	Ratio: 1.45 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(0D65A3)	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(52494A)	Ratio: 1.09 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(91000B)	Ratio: 1.19 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.15 Failed ⁵
Hex(120001)	Ratio: 2.56 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 3.32 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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