

Converting Colors - WCAG Matrix

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

Hex(351522) Hex(451327) Hex(351815) Hex(1A1718) Hex(590024) Hex(D90058)

	Hex(351522)	Hex(451327)	Hex(351815)	Hex(1A1718)	Hex(590024)	Hex(D90058)
Hex(351522)		Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(451327)	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(351815)	Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(1A1718)	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(590024)	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(D90058)	Ratio: 3.19 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 2.82 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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