

Converting Colors - WCAG Matrix

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

Hex(466AAA) Hex(407ADE) Hex(5346AA) Hex(4C4F54) Hex(003694) Hex(000714)

	Hex(466AAA)	Hex(407ADE)	Hex(5346AA)	Hex(4C4F54)	Hex(003694)	Hex(000714)
Hex(466AAA)		Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(407ADE)	Ratio: 1.30 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(5346AA)	Ratio: 1.38 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(4C4F54)	Ratio: 1.53 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(003694)	Ratio: 2.00 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.88 Failed ⁵
Hex(000714)	Ratio: 3.75 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 2.71 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.88 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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