

Converting Colors - WCAG Matrix

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

Hex(A74439) Hex(8A2A23) Hex(6D0D0E) Hex(510000) Hex(360001) Hex(100000) Hex(000000)

	Hex(A74439)	Hex(8A2A23)	Hex(6D0D0E)	Hex(510000)	Hex(360001)	Hex(100000)	Hex(000000)
Hex(A74439)		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 3.53 AA 18pt ²
Hex(8A2A23)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(6D0D0E)	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(510000)	Ratio: 2.61 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(360001)	Ratio: 3.05 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(100000)	Ratio: 3.45 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.53 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.02 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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