

Converting Colors - WCAG Matrix

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

Hex(C70566) Hex(A9004E) Hex(8A0038) Hex(6D0023) Hex(50000C) Hex(320002) Hex(000000)

	Hex(C70566)	Hex(A9004E)	Hex(8A0038)	Hex(6D0023)	Hex(50000C)	Hex(320002)	Hex(000000)
Hex(C70566)		Ratio: 1.30 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.64 AA 18pt ²
Hex(A9004E)	Ratio: 1.30 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(8A0038)	Ratio: 1.70 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(6D0023)	Ratio: 2.17 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(50000C)	Ratio: 2.70 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(320002)	Ratio: 3.20 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 3.64 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.14 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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