

Converting Colors - WCAG Matrix

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

	Hex(A4145F)	Hex(870047)	Hex(6B0031)	Hex(4E001C)	Hex(350002)	Hex(020000)	Hex(000000)
Hex(A4145F)		Ratio: 1.34 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(870047)	Ratio: 1.34 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(6B0031)	Ratio: 1.70 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(4E001C)	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(350002)	Ratio: 2.47 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(020000)	Ratio: 2.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.00 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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