

Converting Colors - WCAG Matrix

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

Hex(653442) Hex(4C1D2C) Hex(340718) Hex(1F0001) Hex(000000)

	Hex(653442)	Hex(4C1D2C)	Hex(340718)	Hex(1F0001)	Hex(000000)
Hex(653442)		Ratio: 1.40 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(4C1D2C)	Ratio: 1.40 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(340718)	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(1F0001)	Ratio: 2.01 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 2.12 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 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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