

Converting Colors - WCAG Matrix

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

Hex(3C0605) Hex(4F3939) Hex(3C053B) Hex(291B1B) Hex(A8A8A8) Hex(292929)

	Hex(3C0605)	Hex(4F3939)	Hex(3C053B)	Hex(291B1B)	Hex(A8A8A8)	Hex(292929)
Hex(3C0605)		Ratio: 1.62 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 7.24 Passed ⁶	Ratio: 1.18 Failed ⁵
Hex(4F3939)	Ratio: 1.62 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(3C053B)	Ratio: 1.05 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(291B1B)	Ratio: 1.04 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(A8A8A8)	Ratio: 7.24 Passed ⁶	Ratio: 4.47 AA 18pt ²	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴	

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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