

Converting Colors - WCAG Matrix

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

Hex(4A0F0F) Hex(614A4A) Hex(4A0F4A) Hex(302222) Hex(B0B0B0) Hex(303030)

	Hex(4A0F0F)	Hex(614A4A)	Hex(4A0F4A)	Hex(302222)	Hex(B0B0B0)	Hex(303030)
Hex(4A0F0F)		Ratio: 1.89 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 7.09 Passed ⁶	Ratio: 1.16 Failed ⁵
Hex(614A4A)	Ratio: 1.89 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(4A0F4A)	Ratio: 1.07 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(302222)	Ratio: 1.01 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 7.03 Passed ⁶	Ratio: 1.16 Failed ⁵
Hex(B0B0B0)	Ratio: 7.09 Passed ⁶	Ratio: 3.74 AA 18pt ²	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 7.03 Passed ⁶		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.16 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 6.09 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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