

Converting Colors - WCAG Matrix

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

Hex(4A2525) Hex(615252) Hex(4A254A) Hex(302828) Hex(B0B0B0) Hex(303030)

	Hex(4A2525)	Hex(615252)	Hex(4A254A)	Hex(302828)	Hex(B0B0B0)	Hex(303030)
Hex(4A2525)		Ratio: 1.79 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(615252)	Ratio: 1.79 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.78 Failed ⁵
Hex(4A254A)	Ratio: 1.05 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(302828)	Ratio: 1.08 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(B0B0B0)	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 6.63 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.09 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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