

Converting Colors - WCAG Matrix

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

Hex(4A4A4A) Hex(616161) Hex(262626) Hex(186600) Hex(35E600)

	Hex(4A4A4A)	Hex(616161)	Hex(262626)	Hex(186600)	Hex(35E600)
Hex(4A4A4A)		Ratio: 1.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.43 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(262626)	Ratio: 1.71 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 8.99 Passed ⁶
Hex(186600)	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 4.24 AA 18pt ²
Hex(35E600)	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²	Ratio: 8.99 Passed ⁶	Ratio: 4.24 AA 18pt ²	

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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