

Converting Colors - WCAG Matrix

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

Hex(4D4D4D) Hex(363636) Hex(212121) Hex(090909) Hex(000000)

Hex(4D4D4D)		Ratio: 1.43 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(363636)	Ratio: 1.43 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(212121)	Ratio: 1.90 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(090909)	Ratio: 2.36 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 2.48 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.05 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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