

Converting Colors - WCAG Matrix

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

Hex(5B5B5B) Hex(757575) Hex(2E2E2E) Hex(6E0000) Hex(ED0000)

	Hex(5B5B5B)	Hex(757575)	Hex(2E2E2E)	Hex(6E0000)	Hex(ED0000)
Hex(5B5B5B)		Ratio: 1.47 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(757575)	Ratio: 1.47 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(2E2E2E)	Ratio: 2.00 Failed ⁵	Ratio: 2.95 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(6E0000)	Ratio: 1.86 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(ED0000)	Ratio: 1.49 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.77 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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