

Converting Colors - WCAG Matrix

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

Hex(635B53) Hex(4B443C) Hex(342D26) Hex(1F1912) Hex(000000)

	Hex(635B53)	Hex(4B443C)	Hex(342D26)	Hex(1F1912)	Hex(000000)
Hex(635B53)		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(4B443C)	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(342D26)	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(1F1912)	Ratio: 2.61 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 3.15 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.21 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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