

Converting Colors - WCAG Matrix

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

Hex(4D3F44) Hex(634E55) Hex(3F4D41) Hex(262224) Hex(660024) Hex(E60052)

	Hex(4D3F44)	Hex(634E55)	Hex(3F4D41)	Hex(262224)	Hex(660024)	Hex(E60052)
Hex(4D3F44)		Ratio: 1.30 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(634E55)	Ratio: 1.30 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(3F4D41)	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(262224)	Ratio: 1.58 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(660024)	Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(E60052)	Ratio: 2.13 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.82 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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