

Converting Colors - WCAG Matrix

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

Hex(4D4041) Hex(635051) Hex(4D4540) Hex(262223) Hex(66000A) Hex(E50016)

Hex(4D4041)		Ratio: 1.32 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(635051)	Ratio: 1.32 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(4D4540)	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(262223)	Ratio: 1.59 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(66000A)	Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.18 Failed ⁵	
Hex(E50016)	Ratio: 2.04 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.25 AA 18pt ²	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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