

Converting Colors - WCAG Matrix

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

Hex(4E4B4C) Hex(666162) Hex(4E4C4B) Hex(262424) Hex(66000D) Hex(E6001E)

	Hex(4E4B4C)	Hex(666162)	Hex(4E4C4B)	Hex(262424)	Hex(66000D)	Hex(E6001E)
Hex(4E4B4C)		Ratio: 1.42 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(666162)	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(4E4C4B)	Ratio: 1.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(262424)	Ratio: 1.79 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(66000D)	Ratio: 1.55 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E6001E)	Ratio: 1.80 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.79 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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