

Converting Colors - WCAG Matrix

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

Hex(564C4D) Hex(706062) Hex(4C5256) Hex(2B2727) Hex(6B000B) Hex(EB0017)

	Hex(564C4D)	Hex(706062)	Hex(4C5256)	Hex(2B2727)	Hex(6B000B)	Hex(EB0017)
Hex(564C4D)		Ratio: 1.39 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(706062)	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(4C5256)	Ratio: 1.04 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(2B2727)	Ratio: 1.78 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(6B000B)	Ratio: 1.56 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0017)	Ratio: 1.79 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.20 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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