

Converting Colors - WCAG Matrix

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

Hex(58625B) Hex(414A44) Hex(2B342D) Hex(161E19) Hex(000400) Hex(000000)

	Hex(58625B)	Hex(414A44)	Hex(2B342D)	Hex(161E19)	Hex(000400)	Hex(000000)
Hex(58625B)		Ratio: 1.45 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.31 AA 18pt ²
Hex(414A44)	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(2B342D)	Ratio: 2.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(161E19)	Ratio: 2.69 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(000400)	Ratio: 3.26 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.31 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 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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