

Converting Colors - WCAG Matrix

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

Hex(6A8A72) Hex(517059) Hex(3A5842) Hex(23402C) Hex(0D2A17) Hex(001700) Hex(000000)

	Hex(6A8A72)	Hex(517059)	Hex(3A5842)	Hex(23402C)	Hex(0D2A17)	Hex(001700)	Hex(000000)
Hex(6A8A72)		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(517059)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.81 AA 18pt ²
Hex(3A5842)	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(23402C)	Ratio: 2.98 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(0D2A17)	Ratio: 4.04 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(001700)	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.40 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 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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