

Converting Colors - WCAG Matrix

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

	Hex(85A68C)	Hex(6B8C72)	Hex(53725A)	Hex(3B5942)	Hex(24422C)	Hex(0E2C18)	Hex(001800)	Hex(000000)
Hex(85A68C)		Ratio: 1.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 7.83 Passed ⁶
Hex(6B8C72)	Ratio: 1.39 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(53725A)	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.92 AA 18pt ²
Hex(3B5942)	Ratio: 2.91 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(24422C)	Ratio: 4.14 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(0E2C18)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(001800)	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 7.83 Passed ⁶	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.13 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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