

Converting Colors - WCAG Matrix

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

	Hex(BA8F8C)	Hex(9F7672)	Hex(845D5A)	Hex(6A4542)	Hex(512E2C)	Hex(391918)	Hex(250000)	Hex(000000)
Hex(BA8F8C)		Ratio: 1.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 7.40 Passed ⁶
Hex(9F7672)	Ratio: 1.39 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(845D5A)	Ratio: 2.00 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.69 AA 18pt ²
Hex(6A4542)	Ratio: 2.91 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(512E2C)	Ratio: 4.16 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(391918)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(250000)	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 7.40 Passed ⁶	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 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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