

Converting Colors - WCAG Matrix

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

Hex(908887) Hex(766F6E) Hex(5E5655) Hex(463F3E) Hex(302928) Hex(1B1514) Hex(000000)

	Hex(908887)	Hex(766F6E)	Hex(5E5655)	Hex(463F3E)	Hex(302928)	Hex(1B1514)	Hex(000000)
Hex(908887)		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(766F6E)	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 4.27 AA 18pt ²
Hex(5E5655)	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(463F3E)	Ratio: 2.97 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(302928)	Ratio: 4.11 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(1B1514)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 6.06 AA ¹ AAA 18pt ⁴	Ratio: 4.27 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.16 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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