

Converting Colors - WCAG Matrix

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

Hex(888C89) Hex(6F7370) Hex(565A57) Hex(3F4340) Hex(292D2A) Hex(151816) Hex(000000)

	Hex(888C89)	Hex(6F7370)	Hex(565A57)	Hex(3F4340)	Hex(292D2A)	Hex(151816)	Hex(000000)
Hex(888C89)		Ratio: 1.41 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴
Hex(6F7370)	Ratio: 1.41 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.36 AA 18pt ²
Hex(565A57)	Ratio: 2.06 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(3F4340)	Ratio: 2.95 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(292D2A)	Ratio: 4.10 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(151816)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.17 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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