

Converting Colors - WCAG Matrix

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

Hex(6C6D64) Hex(54544C) Hex(3D3D36) Hex(272821) Hex(121309) Hex(000000)

	Hex(6C6D64)	Hex(54544C)	Hex(3D3D36)	Hex(272821)	Hex(121309)	Hex(000000)
Hex(6C6D64)		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.01 AA 18pt ²
Hex(54544C)	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(3D3D36)	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(272821)	Ratio: 2.84 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(121309)	Ratio: 3.57 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 4.01 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.41 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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