

Converting Colors - WCAG Matrix

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

Hex(4D6C6C) Hex(355454) Hex(1E3D3D) Hex(072727) Hex(001312) Hex(000000)

	Hex(4D6C6C)	Hex(355454)	Hex(1E3D3D)	Hex(072727)	Hex(001312)	Hex(000000)
Hex(4D6C6C)		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.68 AA 18pt ²
Hex(355454)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(1E3D3D)	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(072727)	Ratio: 2.77 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(001312)	Ratio: 3.34 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 3.68 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.10 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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