

Converting Colors - WCAG Matrix

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

Hex(4E7972) Hex(35605A) Hex(1D4842) Hex(02322C) Hex(001D18) Hex(000000)

	Hex(4E7972)	Hex(35605A)	Hex(1D4842)	Hex(02322C)	Hex(001D18)	Hex(000000)
Hex(4E7972)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.30 AA 18pt ²
Hex(35605A)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(1D4842)	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(02322C)	Ratio: 2.88 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(001D18)	Ratio: 3.62 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 4.30 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.19 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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