

Converting Colors - WCAG Matrix

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

Hex(46494B) Hex(595E61) Hex(46464B) Hex(222526) Hex(003D66) Hex(0089E6)

	Hex(46494B)	Hex(595E61)	Hex(46464B)	Hex(222526)	Hex(003D66)	Hex(0089E6)
Hex(46494B)		Ratio: 1.38 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(595E61)	Ratio: 1.38 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(46464B)	Ratio: 1.03 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(222526)	Ratio: 1.70 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.20 AA 18pt ²
Hex(003D66)	Ratio: 1.25 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 3.08 AA 18pt ²
Hex(0089E6)	Ratio: 2.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 3.08 AA 18pt ²	

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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