

Converting Colors - WCAG Matrix

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

Hex(0063A3) Hex(0080D4) Hex(0013A3) Hex(494E52) Hex(005891) Hex(000B12)

	Hex(0063A3)	Hex(0080D4)	Hex(0013A3)	Hex(494E52)	Hex(005891)	Hex(000B12)
Hex(0063A3)		Ratio: 1.52 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(0080D4)	Ratio: 1.52 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴
Hex(0013A3)	Ratio: 2.04 Failed ⁵	Ratio: 3.11 AA 18pt ²		Ratio: 1.54 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(494E52)	Ratio: 1.33 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(005891)	Ratio: 1.18 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(000B12)	Ratio: 3.14 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.65 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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