

Converting Colors - WCAG Matrix

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

Hex(008BA2) Hex(00B6D4) Hex(003BA2) Hex(495052) Hex(007D91) Hex(000F12)

	Hex(008BA2)	Hex(00B6D4)	Hex(003BA2)	Hex(495052)	Hex(007D91)	Hex(000F12)
Hex(008BA2)		Ratio: 1.66 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(00B6D4)	Ratio: 1.66 Failed ⁵		Ratio: 4.02 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 8.02 Passed ⁶
Hex(003BA2)	Ratio: 2.43 Failed ⁵	Ratio: 4.02 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(495052)	Ratio: 2.04 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(007D91)	Ratio: 1.20 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 4.03 AA 18pt ²
Hex(000F12)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 8.02 Passed ⁶	Ratio: 1.99 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 4.03 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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