

Converting Colors - WCAG Matrix

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

Hex(0065B8) Hex(0084F0) Hex(0009B8) Hex(53585C) Hex(00569C) Hex(000F1C)

	Hex(0065B8)	Hex(0084F0)	Hex(0009B8)	Hex(53585C)	Hex(00569C)	Hex(000F1C)
Hex(0065B8)		Ratio: 1.56 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(0084F0)	Ratio: 1.56 Failed ⁵		Ratio: 3.21 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(0009B8)	Ratio: 2.05 Failed ⁵	Ratio: 3.21 AA 18pt ²		Ratio: 1.69 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(53585C)	Ratio: 1.22 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(00569C)	Ratio: 1.26 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(000F1C)	Ratio: 3.28 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.60 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.59 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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