

Converting Colors - WCAG Matrix

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

Hex(0297C4) Hex(B3EDFF) Hex(02C42C) Hex(527580) Hex(000000) Hex(808080)

	Hex(0297C4)	Hex(B3EDFF)	Hex(02C42C)	Hex(527580)	Hex(000000)	Hex(808080)
Hex(0297C4)		Ratio: 2.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(B3EDFF)	Ratio: 2.65 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 16.47 Passed ⁶	Ratio: 3.10 AA 18pt ²
Hex(02C42C)	Ratio: 1.44 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 8.93 Passed ⁶	Ratio: 1.68 Failed ⁵
Hex(527580)	Ratio: 1.48 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 4.21 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(000000)	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 16.47 Passed ⁶	Ratio: 8.93 Passed ⁶	Ratio: 4.21 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.17 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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