

Converting Colors - WCAG Matrix

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

Hex(007DF0) Hex(B3DAFF) Hex(00F070) Hex(526A80) Hex(FFFFFF) Hex(808080)

	Hex(007DF0)	Hex(B3DAFF)	Hex(00F070)	Hex(526A80)	Hex(FFFFFF)	Hex(808080)
Hex(007DF0)		Ratio: 2.77 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(B3DAFF)	Ratio: 2.77 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(00F070)	Ratio: 2.64 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.67 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(526A80)	Ratio: 1.39 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.67 AA 18pt ²		Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵
Hex(FFFFFF)	Ratio: 4.04 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 1.02 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.95 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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