

Converting Colors - WCAG Matrix

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

Hex(007EDD) Hex(B3DEFF) Hex(00DD5C) Hex(526C80) Hex(000000) Hex(808080)

	Hex(007EDD)	Hex(B3DEFF)	Hex(00DD5C)	Hex(526C80)	Hex(000000)	Hex(808080)
Hex(007EDD)		Ratio: 2.95 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B3DEFF)	Ratio: 2.95 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 14.81 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(00DD5C)	Ratio: 2.29 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 11.50 Passed ⁶	Ratio: 2.16 Failed ⁵
Hex(526C80)	Ratio: 1.32 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 3.01 AA 18pt ²		Ratio: 3.82 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(000000)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 14.81 Passed ⁶	Ratio: 11.50 Passed ⁶	Ratio: 3.82 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.06 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.39 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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