

Converting Colors - WCAG Matrix

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

Hex(0084D0) Hex(B3E3FF) Hex(00D049) Hex(526F80) Hex(000000) Hex(808080)

	Hex(0084D0)	Hex(B3E3FF)	Hex(00D049)	Hex(526F80)	Hex(000000)	Hex(808080)
Hex(0084D0)		Ratio: 2.95 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(B3E3FF)	Ratio: 2.95 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 15.35 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(00D049)	Ratio: 1.94 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 10.12 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(526F80)	Ratio: 1.32 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 3.94 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(000000)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 15.35 Passed ⁶	Ratio: 10.12 Passed ⁶	Ratio: 3.94 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.02 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.35 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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