

Converting Colors - WCAG Matrix

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

Hex(15B3FA) Hex(BAEAFF) Hex(15FA5A) Hex(577380) Hex(000000) Hex(808080)

	Hex(15B3FA)	Hex(BAEAFF)	Hex(15FA5A)	Hex(577380)	Hex(000000)	Hex(808080)
Hex(15B3FA)		Ratio: 1.84 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 8.86 Passed ⁶	Ratio: 1.67 Failed ⁵
Hex(BAEAFF)	Ratio: 1.84 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 16.30 Passed ⁶	Ratio: 3.07 AA 18pt ²
Hex(15FA5A)	Ratio: 1.68 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.56 AA 18pt ²	Ratio: 14.85 Passed ⁶	Ratio: 2.79 Failed ⁵
Hex(577380)	Ratio: 2.13 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.56 AA 18pt ²		Ratio: 4.17 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(000000)	Ratio: 8.86 Passed ⁶	Ratio: 16.30 Passed ⁶	Ratio: 14.85 Passed ⁶	Ratio: 4.17 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.67 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.28 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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