

Converting Colors - WCAG Matrix

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

Hex(2031B0) Hex(ACB3E6) Hex(20B09F) Hex(505473) Hex(F2F2F2) Hex(737373)

Hex(2031B0)		Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 8.82 Passed ⁶ Ratio: 2.08 Failed ⁵
Hex(ACB3E6)	Ratio: 4.86 AA ¹ AAA 18pt ⁴		Ratio: 1.33 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.81 Failed ⁵ Ratio: 2.34 Failed ⁵
Hex(20B09F)	Ratio: 3.65 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 2.41 Failed ⁵ Ratio: 1.75 Failed ⁵
Hex(505473)	Ratio: 1.34 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.72 Failed ⁵		Ratio: 6.57 AA ¹ AAA 18pt ⁴ Ratio: 1.55 Failed ⁵
Hex(F2F2F2)	Ratio: 8.82 Passed ⁶	Ratio: 1.81 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 2.08 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 4.24 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.

This PDF was generated on convertingcolors.com.