

Converting Colors - WCAG Matrix

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

Hex(F2F2F2) Hex(FFFFFF) Hex(7A7A7A) Hex(00BA05) Hex(003B02)

	Hex(F2F2F2)	Hex(FFFFFF)	Hex(7A7A7A)	Hex(00BA05)	Hex(003B02)
Hex(F2F2F2)		Ratio: 1.12 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 11.53 Passed ⁶
Hex(FFFFFF)	Ratio: 1.12 Failed ⁵		Ratio: 4.29 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 12.91 Passed ⁶
Hex(7A7A7A)	Ratio: 3.83 AA 18pt ²	Ratio: 4.29 AA 18pt ²		Ratio: 1.64 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(00BA05)	Ratio: 2.34 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(003B02)	Ratio: 11.53 Passed ⁶	Ratio: 12.91 Passed ⁶	Ratio: 3.01 AA 18pt ²	Ratio: 4.93 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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