

Converting Colors - WCAG Matrix

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

Hex(B3B5B1) Hex(E9EBE8) Hex(B5B3B1) Hex(757574) Hex(F5F5F5) Hex(757575)

Hex(B3B5B1)		Ratio: 1.72 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(E9EBE8)	Ratio: 1.72 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(B5B3B1)	Ratio: 1.01 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(757574)	Ratio: 2.23 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 4.23 AA 18pt ²
Hex(F5F5F5)	Ratio: 1.90 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 4.23 AA 18pt ²	
Hex(757575)	Ratio: 2.23 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.23 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.

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