

Converting Colors - WCAG Matrix

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

Hex(B67677) Hex(EDD3D3) Hex(B576B6) Hex(786869) Hex(F7F7F7) Hex(787878)

	Hex(B67677)	Hex(EDD3D3)	Hex(B576B6)	Hex(786869)	Hex(F7F7F7)	Hex(787878)
Hex(B67677)		Ratio: 2.54 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(EDD3D3)	Ratio: 2.54 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(B576B6)	Ratio: 1.07 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(786869)	Ratio: 1.47 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.56 Failed ⁵		Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(F7F7F7)	Ratio: 3.35 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.23 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.12 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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