

Converting Colors - WCAG Matrix

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

Hex(B65A47) Hex(EDCAC2) Hex(B647A3) Hex(78625D) Hex(F7F7F7) Hex(787878)

	Hex(B65A47)	Hex(EDCAC2)	Hex(B647A3)	Hex(78625D)	Hex(F7F7F7)	Hex(787878)
Hex(B65A47)		Ratio: 3.04 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(EDCAC2)	Ratio: 3.04 AA 18pt ²		Ratio: 3.13 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(B647A3)	Ratio: 1.03 Failed ⁵	Ratio: 3.13 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(78625D)	Ratio: 1.23 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(F7F7F7)	Ratio: 4.32 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.05 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.28 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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