

Converting Colors - WCAG Matrix

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

Hex(B68449) Hex(EDDAC2) Hex(B6497C) Hex(786C5D) Hex(F7F7F7) Hex(787878)

	Hex(B68449)	Hex(EDDAC2)	Hex(B6497C)	Hex(786C5D)	Hex(F7F7F7)	Hex(787878)
Hex(B68449)		Ratio: 2.41 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(EDDAC2)	Ratio: 2.41 Failed ⁵		Ratio: 3.64 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(B6497C)	Ratio: 1.51 Failed ⁵	Ratio: 3.64 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(786C5D)	Ratio: 1.56 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(F7F7F7)	Ratio: 3.07 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 4.78 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.34 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.16 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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