

Converting Colors - WCAG Matrix

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

Hex(B66261) Hex(EDCCCC) Hex(B661B6) Hex(786463) Hex(F7F7F7) Hex(787878)

	Hex(B66261)	Hex(EDCCCC)	Hex(B661B6)	Hex(786463)	Hex(F7F7F7)	Hex(787878)
Hex(B66261)		Ratio: 2.87 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(EDCCCC)	Ratio: 2.87 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(B661B6)	Ratio: 1.09 Failed ⁵	Ratio: 2.63 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.13 Failed ⁵
Hex(786463)	Ratio: 1.29 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.41 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(F7F7F7)	Ratio: 3.99 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.03 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.25 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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