

Converting Colors - WCAG Matrix

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

Hex(ADB238) Hex(E6E8BA) Hex(B23C38) Hex(747559) Hex(F5F5F5) Hex(757575)

	Hex(ADB238)	Hex(E6E8BA)	Hex(B23C38)	Hex(747559)	Hex(F5F5F5)	Hex(757575)
Hex(ADB238)		Ratio: 1.81 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(E6E8BA)	Ratio: 1.81 Failed ⁵		Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(B23C38)	Ratio: 2.56 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴		Ratio: 1.23 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(747559)	Ratio: 2.08 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 4.35 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(F5F5F5)	Ratio: 2.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 4.35 AA 18pt ²		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 2.02 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.03 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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