

Converting Colors - WCAG Matrix

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

Hex(B35246) Hex(E8C3BE) Hex(B346A6) Hex(755F5B) Hex(F5F5F5) Hex(757575)

	Hex(B35246)	Hex(E8C3BE)	Hex(B346A6)	Hex(755F5B)	Hex(F5F5F5)	Hex(757575)
Hex(B35246)		Ratio: 3.08 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(E8C3BE)	Ratio: 3.08 AA 18pt ²		Ratio: 2.99 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(B346A6)	Ratio: 1.03 Failed ⁵	Ratio: 2.99 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(755F5B)	Ratio: 1.19 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(F5F5F5)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.08 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.29 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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