

Converting Colors - WCAG Matrix

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

Hex(B3549D) Hex(E8C3E0) Hex(6854B3) Hex(755F70) Hex(F5F5F5) Hex(757575)

	Hex(B3549D)	Hex(E8C3E0)	Hex(6854B3)	Hex(755F70)	Hex(F5F5F5)	Hex(757575)
Hex(B3549D)		Ratio: 2.85 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(E8C3E0)	Ratio: 2.85 Failed ⁵		Ratio: 3.80 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(6854B3)	Ratio: 1.33 Failed ⁵	Ratio: 3.80 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(755F70)	Ratio: 1.29 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(F5F5F5)	Ratio: 4.12 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 5.31 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.03 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.26 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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