

Converting Colors - WCAG Matrix

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

Hex(B2035E) Hex(E8A5C8) Hex(5503B2) Hex(754C62) Hex(F5F5F5) Hex(757575)

	Hex(B2035E)	Hex(E8A5C8)	Hex(5503B2)	Hex(754C62)	Hex(F5F5F5)	Hex(757575)
Hex(B2035E)		Ratio: 3.47 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.49 Failed ⁵
Hex(E8A5C8)	Ratio: 3.47 AA 18pt ²		Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(5503B2)	Ratio: 1.50 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴		Ratio: 1.45 Failed ⁵	Ratio: 9.43 Passed ⁶	Ratio: 2.23 Failed ⁵
Hex(754C62)	Ratio: 1.03 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵
Hex(F5F5F5)	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.81 Failed ⁵	Ratio: 9.43 Passed ⁶	Ratio: 6.49 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.49 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.54 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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