

Converting Colors - WCAG Matrix

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

Hex(E55690) Hex(FFCFE2) Hex(A956E5) Hex(80626E) Hex(000000) Hex(808080)

	Hex(E55690)	Hex(FFCFE2)	Hex(A956E5)	Hex(80626E)	Hex(000000)	Hex(808080)
Hex(E55690)		Ratio: 2.52 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(FFCFE2)	Ratio: 2.52 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 15.28 Passed ⁶	Ratio: 2.87 Failed ⁵
Hex(A956E5)	Ratio: 1.18 Failed ⁵	Ratio: 2.97 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(80626E)	Ratio: 1.56 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(000000)	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 15.28 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.14 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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