

Converting Colors - WCAG Matrix

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

Hex(E2808D) Hex(FFDEE2) Hex(D580E2) Hex(806B6E) Hex(000000) Hex(808080)

	Hex(E2808D)	Hex(FFDEE2)	Hex(D580E2)	Hex(806B6E)	Hex(000000)	Hex(808080)
Hex(E2808D)		Ratio: 2.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 7.71 Passed ⁶	Ratio: 1.45 Failed ⁵
Hex(FFDEE2)	Ratio: 2.18 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 16.80 Passed ⁶	Ratio: 3.16 AA 18pt ²
Hex(D580E2)	Ratio: 1.04 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 8.01 Passed ⁶	Ratio: 1.51 Failed ⁵
Hex(806B6E)	Ratio: 1.81 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 4.25 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(000000)	Ratio: 7.71 Passed ⁶	Ratio: 16.80 Passed ⁶	Ratio: 8.01 Passed ⁶	Ratio: 4.25 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.45 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 1.25 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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